

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
NOTICE TO CONTRACTORS

Sealed proposals addressed to the Maine Department of Transportation, Augusta, Maine, 04333-0016 and endorsed on the wrapper "Bid for Furnishing and Placing Hot Maintenance Mulch" will be received from Contractors at the Reception Desk, Transportation Building in **Augusta**, Maine until 11:00 A.M. (prevailing time) on April 28, 2004 and at that time and place publicly opened and read. Bids will be accepted only from contractors pre-qualified by the Department of Transportation for Highway Construction or Paving projects. All other Bids may be rejected. **MDOT provides the option of electronic bidding. We accept electronic bids for those bid packages posted on the bidx.com website. Electronic bids do not have to be accompanied by paper bids. Please note: the Department will accept a facsimile of the bid bond; however, the original bid bond must then be received at the MDOT Contract Section within 72 hours of the bid opening. Until further notice, dual bids (one paper, one electronic) will be accepted, with the paper copy taking precedence.**

Project Description: Furnishing and Placing Hot Maintenance Mulch.

Locations:

<u>AREA</u>	<u>PIN</u>	<u>COUNTIES</u>	<u>AREA</u>	<u>PIN</u>	<u>COUNTIES</u>
Houlton	11001.00	Aroostook	Pittsfield	11013.00	Somerset/Kennebec/Waldo
Caribou	11002.00	Aroostook	Richmond	11015.00	Sagadahoc/Lincoln
Addison	11006.00	Washington/Hancock	Berwick	11018.00	York
Edmunds	11007.00	Washington	Cumberland	11019.00	Cumberland
Howland	11010.00	Penobscot/Piscataquis	Rangeley	11021.00	Franklin/Oxford
Bowerbank	11011.00	Penobscot/Piscataquis			

Outline of Work: The work consists of furnishing and placing hot maintenance mulch, 9.5 mm Hot Mix Asphalt, and PMRAP in the quantities noted in the bid section. Hauling will be done by the State.

For general information regarding **Bidding and Contracting** procedures, contact Scott Bickford at (207) 624-3410. Our webpage at <http://www.state.me.us/mdot/project/design/homepg.htm> contains a copy of the schedule of items, Plan Holders List, written portions of bid amendments (not drawings), and bid results. For Project-specific information fax all questions to **Jamie Andrews** at (207) 624-3401. Questions received after 12:00 noon of the Monday prior to bid date will not be answered. Bidders shall not contact any other Departmental staff for clarification of Contract provisions, and the Department will not be responsible for any interpretations so obtained. Hearing impaired persons may call the Telecommunication Device for the Deaf at (207) 287-3392.

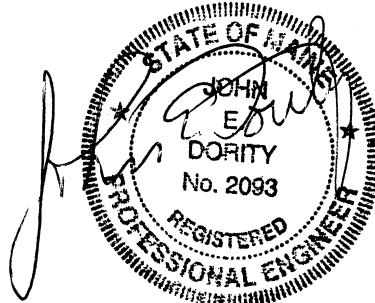
Specifications and bid forms may be seen at the Maine Department of Transportation, in **Augusta**, Maine. They may be purchased from the Department between the hours of 8:00 a.m. to 4:30 p.m. by cash, credit card (Visa/Mastercard) or check payable to Treasurer, State of Maine sent to Maine Department of Transportation, Attn.: Mailroom, 16 State House Station, Augusta, Maine 04333-0016. They may also be purchased by telephone at 624-3536 between the hours of 8:00 a.m. to 4:30 p.m. Bid Book \$10 (\$13 by mail), payment in advance, all non-refundable.

Each Bid must be made upon blank forms provided by the Department and must be accompanied by a bid bond at 5% of the bid amount or an official bank check, cashier's check, certified check, certificate of deposit, or United States postal money order in the amount of \$25,000 payable to Treasurer, State of Maine as a Bid guarantee. A Contract Performance Surety Bond and a Contract Payment Surety Bond, each in the amount of 100 percent of the Contract price, will be required of the successful Bidder.

All work shall be governed by "State of Maine, Department of Transportation, Standard Specifications, Revision of December 2002", price \$10 [\$13 by mail], Standard Details, Revision of December 2002, price \$20 [\$25 by mail], as updated through the advertisement date for this project. Standard Detail updates can be found at <http://www.state.me.us/mdot/project/design/homepg.htm>

The right is hereby reserved by the MDOT to reject any or all Bids.

Augusta, Maine
April 7, 2004



JOHN E. DORITY
CHIEF ENGINEER

Statewide, 11 Maintenance Paving Areas

PINS 11001.00, 11002.00, 11006.00, 11007.00, 11010.00, 11011.00, 11013.00, 11015.00, 11018.00, 11019.00, & 11021.00

March 19, 2004

**ACKNOWLEDGEMENT OF BID AMENDMENTS
&
SUBMISSION OF BID BOND VALIDATION NUMBER (IF APPLICABLE)**

With this form, the Bidder acknowledges its responsibility to check for all Amendments to the Bid Package. For each Project under Advertisement, Amendments are located at <http://www.state.me.us/mdot/project/design/schedule.htm>. It is the responsibility of the Bidder to determine if there are Amendments to the Project, to download them, and to incorporate them into their Bid Package. The MaineDOT will not post Bid Amendments any later than noon the day before Bid opening.

Amendment Number	Date

The Contractor, for itself, its successors and assigns, hereby acknowledges that it has received all of the above referenced Amendments to the Bid Package. Failure to acknowledge receipt of all Amendments to the Bid Package will be considered a Non-curable Bid Defect in accordance with Section 102.11.1 of the Standard Specifications, Revision of December 2002.

CONTRACTOR

Date

Signature of authorized representative

(Name and Title Printed)

Bid Bond Validation Number _____
(Applicable to annual bid bonds or electronic bid bonds.)

BID

NOTES:

- A. Bids will be evaluated and awarded for each Paving Area (PIN) and not in total.
- B. Contract Agreement, Offer and Award, Haul Route Description sheets, and Cost Computation Chart must be completed for each Paving Area (PIN) to be bid.

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

(Name of the firm bidding the job)
a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at (address of the firm bidding the job)

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. **11001.00, 11002.00, 11006.00, 11007.00, 11010.00, 11011.00, 11013.00, 11015.00, 11018.00, 11019.00, 11021.00** for multiple sections of **Hot Maintenance Mulch Statewide**, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **October 1, 2004**. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the COST COMPUTATION CHART of the Bid Package will be used as the basis for determining the lowest cost to the Department. The bid prices include hauling costs. The contract will not include hauling costs. The bid price minus hauling costs will be used to determine the original contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety

Bond, and that the offer is equal to the prices given on the Cost Computation Chart included herein minus the hauling costs and is equal to the amount provided by the bidder in "Section G. Award" included herein.

PIN 11001.00	_____	\$ _____
PIN 11002.00	_____	\$ _____
PIN 11006.00	<i>(Place bid here in alphabetical form</i>	<i>\$(repeat bid here in</i>
	<i>such as</i>	<i>numerical terms</i>
PIN 11007.00	<i>One Hundred and Two dollars and 10 cents)</i>	<i>\$ such as \$102.10)</i>
PIN 11010.00	_____	\$ _____
PIN 11011.00	_____	\$ _____
PIN 11013.00	_____	\$ _____
PIN 11015.00	_____	\$ _____
PIN 11018.00	_____	\$ _____
PIN 11019.00	_____	\$ _____
PIN 11021.00	_____	\$ _____

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement, and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.

2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: **PIN No. 11001.00, 11002.00, 11006.00, 11007.00, 11010.00, 11011.00, 11013.00, 11015.00, 11018.00, 11019.00, 11021.00** for multiple sections of **Hot Maintenance Mulch Statewide,**

State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "**COST COMPUTATION CHART**".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "**COST COMPUTATION CHART**" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "**COST COMPUTATION CHART**", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and

submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

_____		CONTRACTOR
Date		(Sign Here)
_____		(Signature of Legally Authorized Representative of the Contractor)
(Witness Sign Here)	_____	(Print Name Here)
Witness		(Name and Title Printed)

G. Award.

Your offer is hereby accepted for (see checked boxes):

PIN 11001.00 ☐
PIN 11002.00 ☐
PIN 11006.00 ☐
PIN 11007.00 ☐
PIN 11010.00 ☐
PIN 11011.00 ☐
PIN 11013.00 ☐
PIN 11015.00 ☐
PIN 11018.00 ☐
PIN 11019.00 ☐
PIN 11021.00 ☐

Contract Amount: _____

This award consummates the Contract, and the documents referenced herein.

MAINE DEPARTMENT OF TRANSPORTATION

Date

Witness

By: David A. Cole, Commissioner

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and _____

_____ a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, **PIN No. 11001.00, 11002.00, 11006.00, 11007.00, 11010.00, 11011.00, 11013.00, 11015.00, 11018.00, 11019.00, 11021.00** for multiple sections of **Hot Maintenance Mulch Statewide**, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **October 1, 2004**. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the **COST COMPUTATION CHART** of the Bid Package will be used as the basis for determining the lowest cost to the Department. The bid prices include hauling costs. The contract will not include hauling costs. The bid price minus hauling costs will be used to determine the original contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the

offer is equal to the prices given on the Cost Computation Chart included herein minus the hauling costs and is equal to the amount provided by the bidder in "Section G. Award" included herein.

PIN 11001.00	_____	\$ _____
PIN 11002.00	_____	\$ _____
PIN 11006.00	_____	\$ _____
PIN 11007.00	_____	\$ _____
PIN 11010.00	_____	\$ _____
PIN 11011.00	_____	\$ _____
PIN 11013.00	_____	\$ _____
PIN 11015.00	_____	\$ _____
PIN 11018.00	_____	\$ _____
PIN 11019.00	_____	\$ _____
PIN 11021.00	_____	\$ _____

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.

3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: **PIN No. 11001.00, 11002.00, 11006.00, 11007.00, 11010.00, 11011.00, 11013.00, 11015.00, 11018.00, 11019.00, 11021.00** for multiple sections of **Hot Maintenance Mulch Statewide**, State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached **"COST COMPUTATION CHART"**.

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached **"COST COMPUTATION CHART"** in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached **"COST COMPUTATION CHART"**, which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted for (see checked boxes):

PIN 11001.00 ☐
PIN 11002.00 ☐
PIN 11006.00 ☐
PIN 11007.00 ☐
PIN 11010.00 ☐
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PIN 11013.00 ☐
PIN 11015.00 ☐
PIN 11018.00 ☐
PIN 11019.00 ☐
PIN 11021.00 ☐

Contract Amount: _____

This award consummates the Contract, and the documents referenced herein.

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and _____

_____ a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

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A. The Work.

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The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

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C. Price.

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offer is equal to the prices given on the Cost Computation Chart included herein minus the hauling costs and is equal to the amount provided by the bidder in "Section G. Award" included herein.

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PIN 11007.00	_____	\$ _____
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PIN 11019.00	_____	\$ _____
PIN 11021.00	_____	\$ _____

D. Contract.

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E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.

3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

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The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached **"COST COMPUTATION CHART"** in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached **"COST COMPUTATION CHART"**, which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted for (see checked boxes):

PIN 11001.00 ☐
PIN 11002.00 ☐
PIN 11006.00 ☐
PIN 11007.00 ☐
PIN 11010.00 ☐
PIN 11011.00 ☐
PIN 11013.00 ☐
PIN 11015.00 ☐
PIN 11018.00 ☐
PIN 11019.00 ☐
PIN 11021.00 ☐

Contract Amount: _____

This award consummates the Contract, and the documents referenced herein.

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

BOND # _____

CONTRACT PAYMENT BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **and the State of** _____, as principal,
and.....
a corporation duly organized under the laws of the State of and having a
usual place of business in,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine for the use
and benefit of claimants as herein below defined, in the sum of
_____ **and 00/100 Dollars (\$** _____ **)**
for the payment whereof Principal and Surety bind themselves, their heirs, executors and
administrators, successors and assigns, jointly and severally by these presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of
_____ promptly satisfies all claims and demands incurred for all
labor and material, used or required by him in connection with the work contemplated by
said Contract, and fully reimburses the obligee for all outlay and expense which the
obligee may incur in making good any default of said Principal, then this obligation shall
be null and void; otherwise it shall remain in full force and effect.

A claimant is defined as one having a direct contract with the Principal or with a
Subcontractor of the Principal for labor, material or both, used or reasonably required for
use in the performance of the contract.

Signed and sealed this day of, 20

WITNESS:

SIGNATURES:

CONTRACTOR:

Signature.....

.....

Print Name Legibly

Print Name Legibly

SURETY:

Signature.....

.....

Print Name Legibly

Print Name Legibly

SURETY ADDRESS:

NAME OF LOCAL AGENCY:

.....

ADDRESS

.....

.....

TELEPHONE

.....

BOND # _____

CONTRACT PERFORMANCE BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ and the State of _____, as principal,
and _____,
a corporation duly organized under the laws of the State of _____ and having a
usual place of business _____,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine in the sum
of _____ and 00/100 Dollars (\$ _____),
to be paid said Treasurer of the State of Maine or his successors in office, for which
payment well and truly to be made, Principal and Surety bind themselves, their heirs,
executors and administrators, successors and assigns, jointly and severally by these
presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of _____
promptly and faithfully performs the Contract, then this
obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the State
of Maine.

Signed and sealed this _____ day of _____, 20_____.

WITNESSES:

Signature.....

Print Name Legibly

Signature

Print Name Legibly

SURETY ADDRESS:

.....

.....

.....

TELEPHONE.....

SIGNATURES:

CONTRACTOR:

.....

Print Name Legibly

SURETY:

.....

Print Name Legibly

NAME OF LOCAL AGENCY:

ADDRESS

.....

.....

.....

SPECIAL PROVISIONS
INFORMATION FOR BIDDERS
General Conditions and Requirements

When the bid is submitted, the exact location of the bituminous mix plant(s) that will supply the mixture for each section in each area shall be defined on the pages of the Haul Route Description sheets.

If any area is subdivided into more than one section, the unit price bid for each section shall be the same as for all sections.

Bid amount as referred to herein is the total cost involved in the bidding process. This amount includes the Contractor's costs as well as the State's hauling cost.

Contract amount is the amount of money the Contractor will receive for performing their portion of the contract.

Contract Payment will be processed biweekly as the work progresses.

The cost computation chart for the Bid shall be filled in by the bidder. The Department will verify the haul distances and check the computations to determine the lowest bid amount. The bidder shall describe the haul route and its distances from the plant's mix discharge point to the nearest State maintained road, in addition to the other requirements of the bid. In the case where the pit road enters onto a town road, the shortest distance of travel on that town road to a State maintained road, in the direction of the paving operation shall be used for haul calculations purposes.

The award of the contract for the area will be based upon the lowest bid amount, which shall include furnishing and placing, unless otherwise stated. The State will haul all mixtures, and the cost for hauling shall be computed at the rate of \$0.46 per laden mile.

The distance of haul may be determined by scaling from maps the distance from the plant to each section. (Three basic examples involving haul distance computations are presented on the haul distance computation page). Only State maintained, improved hard surface roads and commonly recognized truck routes in compact areas not maintained by the State shall be used for the computation of mileages. In case no such roads are available, the bidder shall clearly describe the other type road proposed and state the haul distance involved. The Department reserves the right to recompute the haul costs on such other type roads. The Contractor shall not utilize for estimating purposes, routes that include posted bridges and roads.

The State reserves the right to reject a Town Way used as a Pit Access Road, based on its unsuitability for the hauling of Hot Maintenance Mulch or 9.5 mm HMA. During the preparation of the bids the Contractor may inquire from the Department about the suitability of

the questionable road. The Contractor shall allow a minimum of two normal working days for Department reply and this shall be considered in his time schedule for bid preparation.

Before an award is made, the distances may be measured by State personnel.

The Contractor will be required to perform the work on all sections listed in the area.

Before awarding of Contracts, the Contractor may be required to furnish the State a statement indicating that the pit owner has no objections to using their pit for the Hot Maintenance Mulch.

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Houlton Area, PIN 11001.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Houlton, Maine Area in Aroostook County

**2004 Fair Minimum Wage Rates
Highway & Earthwork Aroostook County**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$12.00	\$3.22	\$15.22	Laborer - Skilled	\$10.15	\$0.25	\$10.40
Backhoe Loader Operator	\$12.50	\$1.27	\$13.77	Loader Op, Front-End	\$14.28	\$3.01	\$17.29
Bulldozer Operator	\$15.11	\$2.71	\$17.82	Mechanic - Maintenance	\$14.50	\$3.50	\$18.00
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$16.11	\$6.40	\$22.51
Crusher Plant Operator	\$12.40	\$6.40	\$18.80	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.00	\$2.26	\$15.26	Roller Operator, Earth	\$12.30	\$4.37	\$16.67
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.60	\$14.60	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.00	\$0.27	\$16.27	Truck Driver, Medium	\$10.00	\$0.00	\$10.00
Hgway Wrkr/Guardrail Inst	\$12.00	\$1.75	\$13.75	Truck Driver, Heavy	\$10.75	\$0.42	\$11.17
Hot Top Plant Operator	\$15.25	\$5.82	\$21.07	Truck Driver, Tractor Trlr	\$12.00	\$3.16	\$15.16
Laborers/Helper/Tender	\$9.92	\$0.27	\$10.19	Truck Driver, Mixer, Cemnt	\$10.40	\$4.60	\$15.00

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.


Determination No: HI-021-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Caribou Area, PIN 11002.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Caribou, Maine Area in Aroostook County

**2004 Fair Minimum Wage Rates
Highway & Earthwork Aroostook County**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$12.00	\$3.22	\$15.22	Laborer - Skilled	\$10.15	\$0.25	\$10.40
Backhoe Loader Operator	\$12.50	\$1.27	\$13.77	Loader Op, Front-End	\$14.28	\$3.01	\$17.29
Bulldozer Operator	\$15.11	\$2.71	\$17.82	Mechanic - Maintenance	\$14.50	\$3.50	\$18.00
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$16.11	\$6.40	\$22.51
Crusher Plant Operator	\$12.40	\$6.40	\$18.80	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.00	\$2.26	\$15.26	Roller Operator, Earth	\$12.30	\$4.37	\$16.67
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.60	\$14.60	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.00	\$0.27	\$16.27	Truck Driver, Medium	\$10.00	\$0.00	\$10.00
Hgway Wrkr/Guardrail Inst	\$12.00	\$1.75	\$13.75	Truck Driver, Heavy	\$10.75	\$0.42	\$11.17
Hot Top Plant Operator	\$15.25	\$5.82	\$21.07	Truck Driver, Tractor Trlr	\$12.00	\$3.16	\$15.16
Laborers/Helper/Tender	\$9.92	\$0.27	\$10.19	Truck Driver, Mixer, Cemnt	\$10.40	\$4.60	\$15.00

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

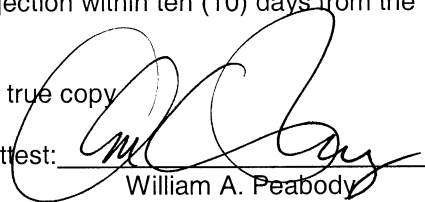
Determination No: HI-022-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Addison Area, PIN 11006.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Addison, Maine Area in Hancock & Washington Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Franklin and Oxford Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.50	\$3.55	\$15.05	Laborer - Skilled	\$10.15	\$0.46	\$10.61
Backhoe Loader Operator	\$13.00	\$2.26	\$15.26	Loader Op, Front-End	\$16.11	\$3.83	\$19.94
Bulldozer Operator	\$15.21	\$3.12	\$18.33	Mechanic - Maintenance	\$16.11	\$6.40	\$22.51
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$12.92	\$0.00	\$12.92
Crusher Plant Operator	\$16.11	\$6.40	\$22.51	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$11.98	\$4.44	\$16.42
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.96	\$14.96	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$15.94	\$0.80	\$16.74	Truck Driver, Medium	\$10.00	\$0.43	\$10.43
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$10.24	\$0.50	\$10.74
Hot Top Plant Operator	\$15.68	\$6.40	\$22.08	Truck Driver, Tractor Trlr	\$11.98	\$3.14	\$15.12
Laborers/Helper/Tender	\$9.77	\$0.81	\$10.58	Truck Driver, Mixer, Cemnt	\$10.50	\$3.75	\$14.25

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

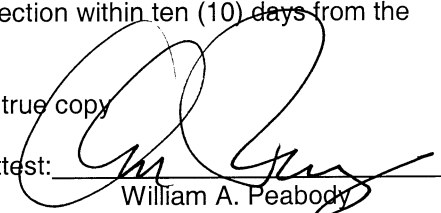
Determination No: HI-027-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Edmunds Area, PIN 11007.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Edmunds, Maine Area in Washington County

**2004 Fair Minimum Wage Rates
Highway & Earthwork Washington County**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.50	\$3.55	\$15.05	Laborer - Skilled	\$10.15	\$0.25	\$10.40
Backhoe Loader Operator	\$12.75	\$1.00	\$13.75	Loader Op, Front-End	\$16.11	\$3.70	\$19.81
Bulldozer Operator	\$15.62	\$3.12	\$18.74	Mechanic - Maintenance	\$16.11	\$6.40	\$22.51
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$16.11	\$6.40	\$22.51
Crusher Plant Operator	\$14.26	\$6.40	\$20.66	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$11.98	\$4.44	\$16.42
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.90	\$14.90	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$15.22	\$0.66	\$15.88	Truck Driver, Medium	\$10.25	\$0.17	\$10.42
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$10.50	\$0.97	\$11.47
Hot Top Plant Operator	\$15.68	\$6.40	\$22.08	Truck Driver, Tractor Trlr	\$11.98	\$3.16	\$15.14
Laborers/Helper/Tender	\$9.53	\$0.37	\$9.90	Truck Driver, Mixer, Cemnt	\$10.50	\$3.75	\$14.25

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

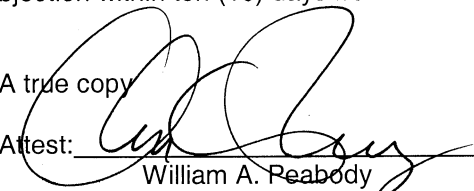
Determination No: HI-023-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Howland Area, PIN 11010.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Howland, Maine Area in Penobscot & Piscataquis Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Penobscot and Piscataquis Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$12.00	\$3.55	\$15.55	Laborer - Skilled	\$10.16	\$1.49	\$11.65
Backhoe Loader Operator	\$13.00	\$2.26	\$15.26	Loader Op, Front-End	\$16.11	\$3.66	\$19.77
Bulldozer Operator	\$15.21	\$3.12	\$18.33	Mechanic - Maintenance	\$16.11	\$4.87	\$20.98
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$12.98	\$0.73	\$13.71
Crusher Plant Operator	\$14.26	\$6.40	\$20.66	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$12.30	\$4.37	\$16.67
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.96	\$14.96	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.11	\$0.80	\$16.91	Truck Driver, Medium	\$10.00	\$0.15	\$10.15
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$10.35	\$0.50	\$10.85
Hot Top Plant Operator	\$15.68	\$6.40	\$22.08	Truck Driver, Tractor Trlr	\$11.98	\$3.16	\$15.14
Laborers/Helper/Tender	\$9.80	\$1.38	\$11.18	Truck Driver, Mixer, Cemnt	\$10.50	\$3.75	\$14.25

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

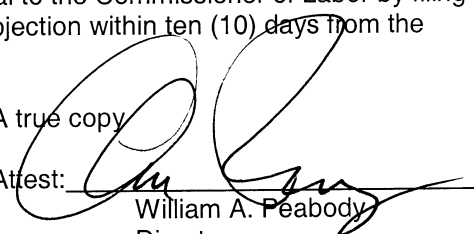
Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

Determination No: HI-030-2004
Filing Date: March 17, 2004
Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Bowerbank Area, PIN 11011.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Bowerbank, Maine Area in Penobscot & Piscataquis Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Penobscot and Piscataquis Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$12.00	\$3.55	\$15.55	Laborer - Skilled	\$10.16	\$1.49	\$11.65
Backhoe Loader Operator	\$13.00	\$2.26	\$15.26	Loader Op, Front-End	\$16.11	\$3.66	\$19.77
Bulldozer Operator	\$15.21	\$3.12	\$18.33	Mechanic - Maintenance	\$16.11	\$4.87	\$20.98
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$12.98	\$0.73	\$13.71
Crusher Plant Operator	\$14.26	\$6.40	\$20.66	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$12.30	\$4.37	\$16.67
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$14.00	\$0.96	\$14.96	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.11	\$0.80	\$16.91	Truck Driver, Medium	\$10.00	\$0.15	\$10.15
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$10.35	\$0.50	\$10.85
Hot Top Plant Operator	\$15.68	\$6.40	\$22.08	Truck Driver, Tractor Trlr	\$11.98	\$3.16	\$15.14
Laborers/Helper/Tender	\$9.80	\$1.38	\$11.18	Truck Driver, Mixer, Cemnt	\$10.50	\$3.75	\$14.25

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

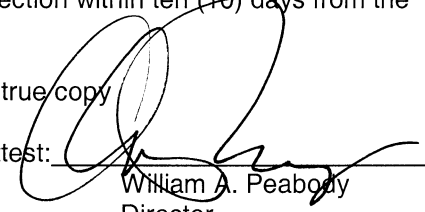
Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

Determination No: HI-031-2004
Filing Date: March 17, 2004
Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Pittsfield Area, PIN 11013.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Pittsfield, Maine Area in Kennebec, Somerset & Waldo Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Kennebec, Somerset and Waldo Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.75	\$0.30	\$12.05	Laborer - Skilled	\$10.50	\$1.90	\$12.40
Backhoe Loader Operator	\$13.00	\$2.23	\$15.23	Loader Op, Front-End	\$13.00	\$2.39	\$15.39
Bulldozer Operator	\$14.13	\$2.62	\$16.75	Mechanic - Maintenance	\$13.50	\$2.27	\$15.77
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$13.00	\$0.34	\$13.34
Crusher Plant Operator	\$12.00	\$2.80	\$14.80	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.00	\$2.60	\$15.60	Roller Operator, Earth	\$12.81	\$4.36	\$17.17
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$16.11	\$6.40	\$22.51
Excavator Operator	\$13.50	\$1.46	\$14.96	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.30	\$10.14	Truck Driver, Light	\$9.50	\$0.31	\$9.81
Grader/Scraper Operator	\$15.94	\$0.44	\$16.38	Truck Driver, Medium	\$10.00	\$0.37	\$10.37
Hgway Wrkr/Guardrail Inst	\$10.75	\$3.50	\$14.25	Truck Driver, Heavy	\$10.35	\$0.69	\$11.04
Hot Top Plant Operator	\$16.06	\$5.45	\$21.51	Truck Driver, Tractor Trlr	\$12.00	\$2.93	\$14.93
Laborers/Helper/Tender	\$9.50	\$0.58	\$10.08	Truck Driver, Mixer, Cemnt	\$10.50	\$3.75	\$14.25

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

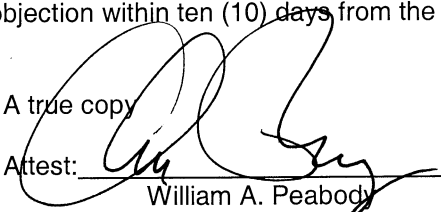
Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

Determination No: HI-028-2004
Filing Date: March 17, 2004
Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Richmond Area, PIN 11015.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Richmond, Maine Area in Lincoln & Sagadahoc Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Lincoln and Sagadahoc Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.50	\$0.30	\$11.80	Laborer - Skilled	\$11.50	\$1.09	\$12.59
Backhoe Loader Operator	\$14.00	\$3.20	\$17.20	Loader Op, Front-End	\$13.38	\$2.04	\$15.42
Bulldozer Operator	\$14.75	\$3.06	\$17.81	Mechanic - Maintenance	\$13.45	\$2.21	\$15.66
Cement Mason/Finisher	\$16.50	\$2.32	\$18.82	Paver, Bituminous	\$12.50	\$0.00	\$12.50
Crusher Plant Operator	\$12.00	\$2.80	\$14.80	Pipelayer	\$11.63	\$0.80	\$12.43
Driller, Rock	\$13.00	\$2.60	\$15.60	Roller Operator, Earth	\$12.00	\$4.33	\$16.33
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$12.00	\$3.93	\$15.93
Excavator Operator	\$14.50	\$2.03	\$16.53	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.75	\$1.81	\$11.56	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$15.75	\$3.84	\$19.59	Truck Driver, Medium	\$10.00	\$0.37	\$10.37
Hgway Wrkr/Guardrail Inst	\$12.25	\$1.05	\$13.30	Truck Driver, Heavy	\$11.00	\$1.12	\$12.12
Hot Top Plant Operator	\$13.25	\$2.46	\$15.71	Truck Driver, Tractor Trlr	\$12.50	\$2.60	\$15.10
Laborers/Helper/Tender	\$10.00	\$0.58	\$10.58	Truck Driver, Mixer, Cemnt	\$10.50	\$3.22	\$13.72

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

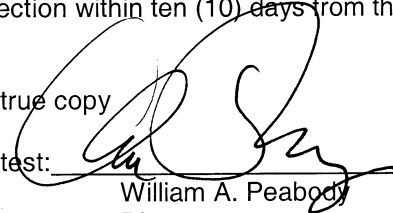
Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

Determination No: HI-029-2004
Filing Date: March 17, 2004
Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Berwick Area, PIN 11018.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Berwick, Maine Area in York County

**2004 Fair Minimum Wage Rates
Highway & Earthwork York County**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.35	\$0.00	\$11.35	Laborer - Skilled	\$11.50	\$0.83	\$12.33
Backhoe Loader Operator	\$15.38	\$2.35	\$17.73	Loader Op, Front-End	\$13.50	\$2.34	\$15.84
Bulldozer Operator	\$15.75	\$3.41	\$19.16	Mechanic - Maintenance	\$14.50	\$2.39	\$16.89
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$15.00	\$3.61	\$18.61
Crusher Plant Operator	\$12.50	\$2.07	\$14.57	Pipelayer	\$11.63	\$1.01	\$12.64
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$11.60	\$4.28	\$15.88
Electrician	\$19.00	\$3.41	\$22.41	Roller Operator, Pavement	\$13.00	\$5.34	\$18.34
Excavator Operator	\$15.00	\$2.20	\$17.20	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.38	\$6.41	\$22.79	Truck Driver, Medium	\$11.00	\$0.00	\$11.00
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$11.90	\$1.34	\$13.24
Hot Top Plant Operator	\$15.25	\$5.82	\$21.07	Truck Driver, Tractor Trlr	\$12.80	\$3.08	\$15.88
Laborers/Helper/Tender	\$10.00	\$0.65	\$10.65	Truck Driver, Mixer, Cemnt	\$10.50	\$3.22	\$13.72

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

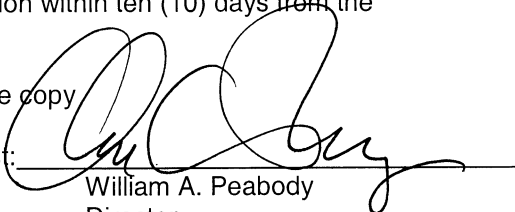
Determination No: HI-024-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:



William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Cumberland Area, PIN 11019.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Cumberland, Maine Area in Cumberland County

**2004 Fair Minimum Wage Rates
Highway & Earthwork Cumberland County**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.43	\$0.00	\$11.43	Laborer - Skilled	\$11.50	\$1.07	\$12.57
Backhoe Loader Operator	\$14.63	\$1.85	\$16.48	Loader Op, Front-End	\$13.50	\$2.34	\$15.84
Bulldozer Operator	\$15.68	\$3.59	\$19.27	Mechanic - Maintenance	\$14.25	\$2.40	\$16.65
Cement Mason/Finisher	\$19.28	\$4.89	\$24.17	Paver, Bituminous	\$15.00	\$3.61	\$18.61
Crusher Plant Operator	\$12.25	\$2.45	\$14.70	Pipelayer	\$11.88	\$0.80	\$12.68
Driller, Rock	\$13.24	\$2.60	\$15.84	Roller Operator, Earth	\$11.60	\$4.28	\$15.88
Electrician	\$19.00	\$3.65	\$22.65	Roller Operator, Pavement	\$12.75	\$4.84	\$17.59
Excavator Operator	\$15.00	\$2.28	\$17.28	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$10.00	\$2.60	\$12.60
Grader/Scraper Operator	\$16.38	\$6.41	\$22.79	Truck Driver, Medium	\$11.00	\$0.00	\$11.00
Hgway Wrkr/Guardrail Inst	\$12.00	\$3.02	\$15.02	Truck Driver, Heavy	\$11.75	\$1.31	\$13.06
Hot Top Plant Operator	\$15.25	\$5.82	\$21.07	Truck Driver, Tractor Trlr	\$12.80	\$3.08	\$15.88
Laborers/Helper/Tender	\$10.00	\$0.61	\$10.61	Truck Driver, Mixer, Cemnt	\$10.50	\$3.22	\$13.72

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

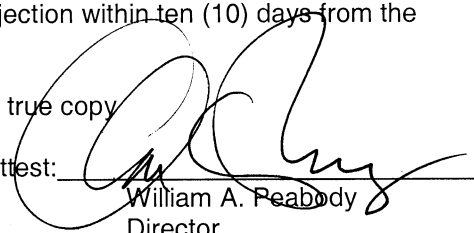
Determination No: HI-025-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

State of Maine
Department of Labor
Bureau of Labor Standards
Technical Services Division
Augusta, Maine 04333-0045
Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project.

Title of Project ----- Rangeley Area, PIN 11021.00 Hot Maintenance Mulch Resurfacing Paving

Location of Project -- Multiple Locations in Rangeley, Maine Area in Franklin & Oxford Counties

**2004 Fair Minimum Wage Rates
Highway & Earthwork
Franklin and Oxford Counties**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$11.90	\$0.00	\$11.90	Laborer - Skilled	\$11.50	\$0.89	\$12.39
Backhoe Loader Operator	\$13.99	\$1.85	\$15.84	Loader Op, Front-End	\$13.00	\$2.04	\$15.04
Bulldozer Operator	\$15.25	\$2.37	\$17.62	Mechanic - Maintenance	\$14.50	\$2.21	\$16.71
Cement Mason/Finisher	\$15.96	\$2.37	\$18.33	Paver, Bituminous	\$15.00	\$3.61	\$18.61
Crusher Plant Operator	\$12.50	\$2.07	\$14.57	Pipelayer	\$12.75	\$1.59	\$14.34
Driller, Rock	\$13.00	\$2.27	\$15.27	Roller Operator, Earth	\$11.48	\$4.22	\$15.70
Electrician	\$19.00	\$3.41	\$22.41	Roller Operator, Pavement	\$13.00	\$5.34	\$18.34
Excavator Operator	\$15.00	\$1.79	\$16.79	Screed Operator	\$15.10	\$6.78	\$21.88
Flagger	\$9.84	\$0.44	\$10.28	Truck Driver, Light	\$12.06	\$6.41	\$18.47
Grader/Scraper Operator	\$16.25	\$6.21	\$22.46	Truck Driver, Medium	\$11.00	\$0.14	\$11.14
Hgway Wrkr/Guardrail Inst	\$13.00	\$1.05	\$14.05	Truck Driver, Heavy	\$11.60	\$1.19	\$12.79
Hot Top Plant Operator	\$15.25	\$5.82	\$21.07	Truck Driver, Tractor Trlr	\$12.80	\$2.35	\$15.15
Laborers/Helper/Tender	\$10.00	\$0.61	\$10.61	Truck Driver, Mixer, Cemnt	\$10.50	\$3.22	\$13.72

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.

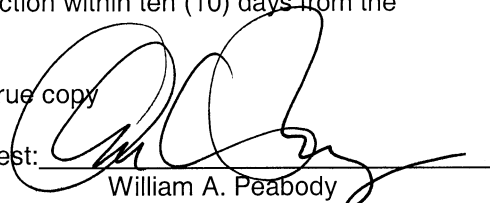
Determination No: HI-026-2004

Filing Date: March 17, 2004

Expiration Date: 12-31-2004

A true copy

Attest:


William A. Peabody
Director
Bureau of Labor Standards

February 7, 1996
Supersedes
May 8, 1995

SPECIAL PROVISIONS
CONSTRUCTION AREA

TITLE 29A, M.R.S.A., SUB-SECTION 2383. Overlimit Movement Permits.

- 1) **Overlimit movement permits issued by State.** The Secretary of State, acting under guidelines and advice of the Commissioner of Transportation, may grant permits to move non-divisible objects having a length, width, height or weight greater than specified in this Title over a way or bridge maintained by the Department of Transportation.
- 2) **Permit fee.** The Secretary of State, with the advice of the Commissioner of Transportation, may set the fee for these permits, at not less than \$3, nor more than \$15, based on weight, height, length and width.
- 3) **County and municipal permits.** A permit may be granted, for a reasonable fee, by county commissioners or municipal officers for travel over a way or bridge maintained by that county or municipality.
- 4) **Permits for weight.** A vehicle granted a permit for excess weight must first be registered for the maximum gross vehicle weight allowed for that vehicle.
- 5) **Special mobile equipment.** The Secretary of State may grant a permit, for no more than one year, to move pneumatic-tire equipment under its own power, including Class A and Class B special mobile equipment, over ways and bridges maintained by the Department of Transportation. The fee for that permit is \$15 for each 30-day period.
- 6) **Scope of permit.** A permit is limited to the particular vehicle or object to be moved and particular ways and bridges.
- 7) **Construction permits.** A permit for a stated period of time may be issued for loads and equipment employed on public way construction projects, United States Government projects or construction of private ways, when within construction areas established by the Department of Transportation. The permit:
 - A. Must be procured from the municipal officers for a construction area within that municipality:
 - B. May require the Contractor to be responsible for damage to ways used in the construction areas and may provide for:
 - (1) Withholding by the agency contracting the work of the final payment under contract; or

(2) The furnishing of a bond by the Contractor to guarantee suitable repair or payment of damages.

- C. May be granted by the Department of Transportation or by the state engineer in charge of the construction contract; and
- D. For construction areas, carries no fee and does not come within the scope of this section.

8. **Gross vehicle weight permits.** The following may grant permits to operate a vehicle having a gross vehicle weight exceeding the prescribed limit:

- A. The Secretary of State, with the consent of the Department of Transportation, for state and state aid highways and bridges within city or compact village limits;
- B. Municipal officers, for all other ways and bridges within that city and compact village limits; and
- C. The county commissioners, for county roads and bridges located in unorganized territory.

9. **Pilot vehicles and State Police escorts.** Pilot vehicles required by a permit must be equipped with warning lights and signs as required by the Secretary of State with the advice of the Department of Transportation.

Warning lights may only be operated and lettering on the signs may only be visible on a pilot vehicle while it is escorting on a public way a vehicle with a permit.

The Secretary of State shall require a State Police escort for a single vehicle or a combination of vehicle of 125 feet or more in length or 16 feet or more in width. The Secretary of State, with the advice of the Commissioner of Transportation, may require vehicles of lesser dimensions to be escorted by the State Police.

The Bureau of State Police shall establish a fee for State Police escorts.

All fees collected must be used to defray the cost of services provided.

With the advice of the Commissioner of Transportation and the Chief of the State Police, the Secretary of State shall establish rules for the operation of pilot vehicles.

10. **Taxes paid.** A permit for a mobile home may not be granted unless the applicant provides reasonable assurance that all property taxes, sewage disposal charges and drain and sewer assessments applicable to the mobile home, including those for the current tax year, have been paid or that the mobile home is exempt from those taxes.

1993, c. 683, § A-2, eff. January 1, 1995.

Historical and Statutory Notes

Derivation:

	Laws 1977, c. 73, § 5.
	Laws 1981, c. 413.
R.S.1954, c. 22 § 98	Laws 1985, c. 225, § 1.
Laws 1955, c. 389	Laws 1987, c. 52.
Laws 1967, c 3.	Laws 1987, 781, § 3.
Laws 1971, c. .593, § 22.	Laws 1989, c. 866, § B-13.
Laws 1973, c. 213.	Laws 1991, c. 388, § 8.
Laws 1975, c. 130, §§	Laws 1993, c. 683, § A-1.
Laws 1975, c. 319, § 2.	Former 29 M.R.S.A. § 2382.

Cross Reference

Collection by Secretary of State, See 29-A
M.R.S.A. § 154.

SPECIAL PROVISIONS
CONSTRUCTION AREA

Construction Areas have been established by the Maine State Department of Transportation in accordance with the provisions of Title 29-A, Section 2382, Maine Revised Statutes Annotated. The areas are described as follows:

The section of highway where Hot Maintenance Mulch or 9.5 mm HMA is being placed from construction sign to construction sign.

The State Department of Transportation or the State's Engineer may issue permits for stated periods of time for moving construction equipment without loads, low-bed trailers with overloads, overheight, overwidth, or overlength equipment or materials over all State maintained sections described in the "**Construction Area**" above. The right to revoke such a permit at any time is reserved by the State Department of Transportation and the issuance of such permits shall be subject to any Special Provisions or Supplemental Specifications written for this project.

A temporary permit for each move will be issued by the State Department of Transportation, or the State's Engineer, for moving Contractor's construction equipment used on the project which exceeds the legal limits (Shovels, bulldozers, etc.), to sources of construction material over highways maintained by the State reasonably within the area of the project.

SPECIAL PROVISION
SECTION 107
SCHEDULING OF WORK

Replace 107.4.2 with the following:

107.4.2 Schedule of Work Required

1. The contractor will be allowed to commence work anytime on or after May 15, 2004 as long as the Schedule of Work has been approved.

a) The Schedule of Work shall be scheduled in such a manner that no paving will be started before June 7, 2004, in Division 7, (No paving will be started before approval by the Division 7, Division Engineer for Map ID #1, Kingfield and Map ID #2, Eustis, in the Rangeley Area Contract, PIN 11021.00), June 1, 2004 for the Caribou Area Contract, PIN 11002.00 and July 5, 2004 for the Houlton Area Contract, PIN 11001.00 in Division 1. Pittsfield Area Contract, PIN 11013.00, a 10 working day notice to the Department will be required prior to placing PMRAP. No paving will be started before May 31, 2004, for the Berwick contract, PIN 11018.00 and Cumberland, PIN 11019.00. All Division 6 contracts must be completed by September 3, 2004. No paving will be allowed on Division Safety Days.

2. The completion date is October 1, 2004.

3. The Contractor shall prepare and submit a schedule of work showing at most 54 working days, as defined in section 107.4.2 of the Standard Specification Book, Revision of December 2002, not to include authorized periods of suspension, as follows:

a) Division 1, Houlton Area,	PIN 11001.00: 25 working days
b) Division 1, Caribou Area,	PIN 11002.00: 21 working days
c) Division 2, Addison Area,	PIN 11006.00: 25 working days
d) Division 2, Edmunds Area,	PIN 11007.00: 13 working days
e) Division 3, Howland Area,	PIN 11010.00: 30 working days
f) Division 3, Bowerbank Area,	PIN 11011.00: 21 working days
g) Division 4, Pittsfield Area,	PIN 11013.00: 54 working days
h) Division 5, Richmond Area,	PIN 11015.00: 54 working days
i) Division 6, Berwick Area,	PIN 11018.00: 36 working days
j) Division 6, Cumberland Area,	PIN 11019.00: 13 working days
k) Division 7, Rangeley Area,	PIN 11021.00: 50 working days

4. The schedule of work shall adhere to the following requirements:

a) Within each work period, the Contractor shall work a minimum of 10 working calendar days before suspending work.

b) Each suspension of work shall last a minimum of 5 working days.

c) The Contractor shall provide a minimum of a 3 working day notice prior to commencing or suspending work.

d) The original schedule may be revised with approval from the State as long as the above criteria are met.

5. Liquidated damages will be charged at the rate of \$650/day for each of the following:
 - a) Each calendar day past the completion date.
 - b) Each working day past the amount shown in #3.
 - c) Each day worked less than the amount shown in 4.a) before suspending work.
 - d) Each calendar day less than the amount shown in 4.b) before commencing work.
6. Work added to the Contract will increase the total days of work allowed in #3 at a rate of 1 day/1000 ton. A revised schedule of work shall be submitted and approved for these changes.
7. Placement of bituminous concrete on the roadways is limited to the hours of ½ hour after sunrise to ½ hour before sunset. Saturday, Sunday and holiday work will not be allowed.

HOT MAINTENANCE MULCH
March 16, 2004

SPECIAL PROVISIONS
SECTION 108
PAYMENT

Price Adjustment for Hot Mix Asphalt: For all Hot Maintenance Mulch contracts (which may include locations to be paved with Hot Mix Asphalt 9.5 mm), a price adjustment for performance graded binder will be made.

Price adjustments will be based on the variance in costs for the performance graded binder component of hot mix asphalt. They will be determined as follows:

The quantity of hot mix asphalt will be multiplied by the appropriate asphalt content percentage from the Asphalt Content Table, times the difference in price in excess of 5 percent between the base price and the period price of asphalt cement. Adjustments will be made upward or downward, as prices increase or decrease.

Hot Mix Asphalt: The quantity of hot mix asphalt will be determined from the quantity shown on the progress estimate for each pay period.

Base Price: The base price of performance graded binder to be used is the price per standard ton current with the bid opening date. This price is determined by using the average N.E. Barge Price, FOB, as listed in the Asphalt Weekly Monitor.

Period Price: The period price of performance graded binder will be determined by the Department by using the average N.E. Barge Price, FOB, listed in the Asphalt Weekly Monitor current with the pay period ending date of the progress estimate.

SPECIAL PROVISIONS
SECTION 109
CHANGES

The State Department of Transportation reserves the right to increase or decrease the volume of work set forth in this contract within the limits of available funds. The Contractor shall not make any claim against the Department of Transportation should the work be increased or decreased by 50%. Also the State reserves the right to increase or decrease the quantity per mile shown in the description and computation sheets. The actual quantities placed in the field may range from 430 tons per mile to 550 tons or more per mile as field conditions warrant.

After actual roadwork has started, the Department or authorized representative will notify the Contractor 48 hours in advance of any changes, additions, or deletions that have occurred in immediate areas to be paved.

In the event the plant site is changed from the proposed location, any increased haul distance cost will be absorbed by the Contractor by deducting this cost from the unit bid price per ton. If haul distance is decreased, then no adjustment to contract payment will be made.

In the event that two or more plants at separate locations are to be used in one proposal, the bidder shall indicate on the cost computation chart which sections will be paved from each plant.

SPECIAL PROVISION
SECTION 310
PLANT MIXED RECYCLED ASPHALT PAVEMENT

310.01 Description This work shall consist of placing the processed recycled asphalt pavement from an existing, Department supplied stockpile **at the Alexander pit behind the cemetery in Alexander**, in one or more courses. All plant mixed recycled asphalt pavement shall be placed on an approved base in accordance with these specifications and in reasonably close conformity with the lines, grades, thicknesses, and typical cross sections shown on the plans or established by the Resident. **Planned placement location for PMRAP from the Alexander Pit is the Charlotte Road (map ID # 2).**

EQUIPMENT

310.032 Bituminous Pavers Pavers shall meet the requirements of Section 401.09.

310.031 Loading and Hauling Equipment **Truck loading and hauling will be done by the State.**

310.033 Rollers Rollers shall meet the requirements of Section 401.10.

CONSTRUCTION REQUIREMENTS

310.041 Weather Limitations The plant mixed recycled asphalt pavement shall not be placed when;

- a. PM-RAP operations will be allowed between May 15th and September 15th inclusive in Zone 1 - Areas north of US Route 2 from Gilead to Bangor and north of Route 9 from Bangor to Calais. Foaming operations will be allowed between May 1st and September 30th inclusive in Zone 2 - Areas south of Zone 1 including the US Route 2 and Route 9 boundaries.
- b. The atmospheric temperature, as determined by an approved thermometer placed in the shade at the recycling location, is 10°C [50°F] and rising.
- c. When there is no standing water on the surface.
- d. During generally dry conditions, or when weather conditions are such that proper pulverizing, adding, mixing, and curing can be obtained using proper procedures, and when compaction can be accomplished as determined by the Resident.
- e. When the surface is not frozen and when overnight temperatures are expected to be above 32°F.

310.042 Spreading and Finishing The mixture shall be spread and finished in accordance with Section 401.15, **or established by the Resident**. Total layer thickness greater than 4 in will be placed in 2 lifts, **or established by the Resident**. Minimum compacted thickness will be 1 ½". **Layer thickness may vary, some may be placed spot shimming ¼ point out, or established by the Resident.**

310.043 Compaction Compaction of the mixture shall be in accordance with Section 401.16. Rolling may be delayed to avoid lateral displacement as directed by the Resident. See also Section 310.051.

310.044 Joints Joints shall be constructed in accordance with Section 401.17.

310.045 Surface Tolerances The surface tolerances shall be as specified in Section 401.101, except that the maximum allowable variation shall be $\frac{3}{8}$ in., **or established by the Resident** The surface tolerance in existing gravel areas covered by PMRAP, with no additional gravel, shall be $\pm \frac{3}{8}$ in., **or established by the Resident**.

TESTING REQUIREMENTS

310.050 Quality Control The Contractor shall operate in accordance with the approved Quality Control Plan (QCP) to assure a product meeting the contract requirements. The QCP shall meet the requirements of Section 106.6 - Acceptance and this Section. The Contractor shall not begin recycling operations until the Department approves the QCP in writing.

Prior to performing any recycling process, the Department and the Contractor shall hold a Pre-recycle conference to discuss the recycling schedule, type and amount of equipment to be used, sequence of operations, and traffic control. A copy of the QC random numbers to be used on the project shall be provided to the Resident. All field and plant supervisors including the responsible onsite recycling process supervisor shall attend this meeting.

The QCP shall address any items that affect the quality of the Recycling Process including, but not limited to, the following:

- a. Make and type of paver(s).
- b. Make and type of rollers including weight, weight per inch of steel wheels, and average contact pressure for pneumatic tired rollers.
- c. Testing Plan.
- d. Laydown operations to avoid placement and curing in inclement weather, methods to ensure that placement segregation is minimized, longitudinal joint construction, procedures to determine the maximum rolling and placing speeds based on field quality control, and achieving the best possible smoothness.
- e. Methods for protecting the finished product from damage and procedures for any necessary corrective action.
- f. Method of grade checks.
- g. Examples of Quality Control forms.
- h. Name and responsibilities of the Responsible onsite Recycling Supervisor.
- i. Method for calibration/verification of density gauge.
- j. A note that all testing will be done in accordance with AASHTO and MDOT/ACM procedures.

The Project Superintendent shall be named in the QCP, and the responsibilities for successful implementation of the QCP shall be outlined.

The Contractor shall sample, test, and evaluate the PMRAP process in accordance with the following procedures and minimum frequencies:

MINIMUM QUALITY CONTROL FREQUENCIES

Test or Action	Frequency	Test Method
Density	1 per 1000 ft	ASTM - D2950
Air Temperature	4 per day at even intervals	-
Surface Temperature	At the beginning and end of each days operation	-

The Contractor shall submit all QC test reports and summaries in writing, signed by the appropriate technician, and present them to the Department's onsite representative by 1:00 P.M. on the next working day, except when otherwise noted in the QCP due to local restrictions. The Contractor shall make all test results, including randomly sampled densities, available to the Department onsite.

The Contractor shall cease placement operations whenever one of the following occurs:

- a. The Contractor fails to follow the approved QCP.
- b. The Contractor fails to achieve 98% density after corrective action has been taken.

Placement operations shall not resume until the Contractor and the Department mutually agree on the corrective action to be taken.

310.051 Test strip The contractor shall assemble all items of equipment for the recycling operation on the first day of the recycling work. The Contractor shall construct a test strip for the project at a location approved by the Resident. The test strip section is required to:

- A. Demonstrate that the equipment and processes can produce recycled layers to meet the requirements specified in these special provisions;
- B. Determine the effect on the grading of the recycled material by varying the forward speed of the paving machine; and;
- C. Determine the sequence and manner of rolling necessary to obtain the compaction requirements and establish a target TMD. The Contractor and the Department will calibrate their respective gauges at this time.

The test strip shall be at least 300 ft in length of a full lane-width (or a half-road width).

Full PMRAP production will not begin until an acceptable test strip has been constructed. If a test strip fails to meet the requirements of this specification, the Contractor will be required to repair or replace the test strip to the satisfaction of the Resident. Any repairs, replacement, or duplication of the test strip will be at the Contractor's expense.

Quality Assurance density testing of the recycled material will be performed by the Department using the nuclear method. After the test strip has been placed, it will be rolled as directed until the nuclear density readings show an increase in density of less than 1 pcf for the final four roller passes. The test strip density will be used as the target density for the recycled material. The remaining PMRAP material shall be compacted to a minimum density of 98% of the target density as determined in the control section.

ACCEPTANCE TEST FREQUENCY

Property	Frequency	Test Method
In-place Density	1/[2000 feet	ASTM - D2950

310.052 Repairs Repairs and maintenance for the PMRAP layers, during and after the curing period, resulting from damage caused by traffic, weather or environmental conditions, or caused by the Contractor's operations or equipment, shall be completed at no additional cost to the Department.

Low areas will be repaired using a hot mix asphalt shim course. Areas up to 1 inch high can be repaired by milling or shimming with hot mix asphalt. Areas higher than 1 inch will be repaired using a hot mix asphalt shim. All repair work will be done with the Resident's approval at the Contractor's expense.

310.06 Curing No new pavement shall be placed on the recycled asphalt pavement until a curing period of (5) five days has elapsed. The curing period begins after being placed in the roadway. When weather conditions are unfavorable, the curing period may be extended by the Resident.

310.07 Method of Measurement The plan quantity of 12,000 cubic yards in stockpile will be 100% used on project. Plant Mixed Recycled Asphalt Pavement shall be measured by the **Cubic Yard**.

310.08 Basis of Payment The accepted quantity of Plant Mixed Recycled Asphalt Pavement will be paid for at the contract unit price per **Cubic Yard**, complete in-place which price will be full compensation for furnishing all equipment and labor for testing, placing, and compacting, and for all incidentals necessary to complete the work.

Payments will be made under:

Pay Item

Pay Unit

310.15 Plant Mixed Recycled Asphalt Pavement

Cubic Yard

SPECIAL PROVISION
SECTION 310
PLANT MIXED RECYCLED ASPHALT PAVEMENT

310.01 Description This work shall consist of mixing and placing recycled pavement from an existing Department stockpile **at the Worthley pit in New Limerick**, as per Section 310.020.

All plant mixed recycled asphalt pavement shall be placed in one or more courses on an approved base and in accordance with these specifications, and in reasonably close conformity with the lines, grades and thicknesses indicated on the plans, or as established by the Resident. **Planned locations for PMRAP from the Worthley pit in New Limerick are the Hodgdon Road in Hodgdon & Linneus (map ID # 1) and the Corner Road in Hodgdon (map ID # 12).**

MATERIALS

310.020 Composition of Mixture A job mix formula shall be furnished by the Department establishing the percentage of emulsified asphalt cement, Portland Cement, aggregate, and water to be used in the mixture. The JMF additive proportions will be verified by taking a second recycled material sample once the stockpiles have been constructed.

Emulsion, water, aggregate and Portland Cement shall be added in percentage by weight and verified by tank checks done in accordance with the minimum quality control frequencies. Cement additive may be done in dry form or introduced as a cement slurry.

310.021 Emulsified Asphalt The emulsified asphalt shall be grade MS-2, MS-4, CSS-1, or HFMS-2 meeting the requirements of Section 702.04 - Emulsified Asphalt.

310.022 Portland Cement Portland Cement shall be Type I or II meeting the requirements of AASHTO M85.

310.023 Water Water shall be clean and free from deleterious concentrations of acids, alkalis, salts or other organic or chemical substances.

310.024 New Aggregate New aggregate, if required by the contract or job mix, shall meet the requirements of Section 411.02 - Untreated Aggregate Surface Course.

EQUIPMENT

310.030 Mixing Plant The mixing plant shall be of sufficient capacity and coordinated to adequately handle the proposed construction. Either a continuous pugmill mixer or a continuous drum type mixing plant shall be used. If a drum mixing plant is used it shall meet the requirements of Section 401.07. The mixing plant shall be capable of producing a uniform mixture meeting the requirements of the job mix formula.

310.031 Hauling Equipment **Hauling will be done by the State**

310.032 Bituminous Pavers Pavers shall meet the requirements of Section 401.09.

310.033 Rollers Rollers shall meet the requirements of Section 401.10.

CONSTRUCTION REQUIREMENTS

310.040 Mixing The recycled asphalt pavement shall be delivered to the mixer at a temperature of not less than 10°C [50°F]. The emulsified asphalt shall meet the mixing temperature requirements listed in Section 702.05 - Application Temperatures. Recycled pavement and emulsified asphalt, and cement shall be proportioned and the mixing time set to produce a mixture in which uniform distribution of the emulsified asphalt and coating of the recycled pavement is obtained.

If a drum type mixing plant is used, the recycled asphalt pavement may be heated prior to being mixed with the emulsified asphalt to a temperature not to exceed 90°C [195°F].

Following mixing, the recycled asphalt pavement material shall be stockpiled and incorporated into the work. The material shall not be stockpiled for longer than 24 hours.

310.041 Weather Limitations The plant mixed recycled asphalt pavement shall be performed when:

- a. PM-RAP operations will be allowed between May 15th and September 15th inclusive in Zone 1 - Areas north of US Route 2 from Gilead to Bangor and north of Route 9 from Bangor to Calais. Foaming operations will be allowed between May 1st and September 30th inclusive in Zone 2 - Areas south of Zone 1 including the US Route 2 and Route 9 boundaries.
- b. The atmospheric temperature, as determined by an approved thermometer placed in the shade at the recycling location, is 10°C [50°F] and rising.
- c. When there is no standing water on the surface.
- d. During generally dry conditions, or when weather conditions are such that proper pulverizing, adding, mixing, and curing can be obtained using proper procedures, and when compaction can be accomplished as determined by the Resident.
- e. When the surface is not frozen and when overnight temperatures are expected to be above 0°C [32°F].

310.042 Spreading and Finishing The mixture shall be spread and finished in accordance with Section 401.15, **or established by the Resident**. Minimum compacted thickness will be 1 ½". Total layer thickness greater than 100 mm [4 in] will be placed in 2 lifts, **or established by the Resident**. **Layer thickness may vary, some may be placed spot shimming ¼ point out, or established by the Resident.**

310.043 Compaction Compaction of the mixture shall be in accordance with Section 401.16. Rolling may be delayed to avoid lateral displacement as directed by the Resident. See also Section 310.051.

310.044 Joints Joints shall be constructed in accordance with Section 401.17.

310.045 Surface Tolerances The surface tolerances shall be as specified in Section 401.101, except that the maximum allowable variation shall be ¾ in, **or established by the Resident**.

TESTING REQUIREMENTS

310.050 Quality Control The Contractor shall operate in accordance with the approved Quality Control Plan (QCP) to assure a product meeting the contract requirements. The QCP shall meet the requirements of Section 106.6 - Acceptance and this Section. The Contractor shall not begin recycling operations until the Department approves the QCP in writing.

Prior to performing any recycling process, the Department and the Contractor shall hold a Pre-recycle conference to discuss the recycling schedule, type and amount of equipment to be used, sequence of operations, and traffic control. A copy of the QC random numbers to be used on the project shall be provided to the Resident. All field and plant supervisors including the responsible onsite recycling process supervisor shall attend this meeting.

The QCP shall address any items that affect the quality of the Recycling Process including, but not limited to, the following:

- a. JMF(s).
- b. Mixing details, pugmill type, production rates, material processing.
- c. Make and type of paver(s).
- d. Make and type of rollers including weight, weight per inch of steel wheels, and average contact pressure for pneumatic tired rollers.
- e. Testing Plan.
- f. Transportation including process for ensuring that truck bodies are clean and free of debris or contamination that could adversely affect the finished product, type of release agent used (if required)
- g. Laydown operations including procedures for mix design modification, avoiding recycling and curing in inclement weather, material yield monitoring, methods to ensure that segregation is minimized, longitudinal joint construction, procedures to determine the maximum rolling and placing speeds based on field quality control, and achieving the best possible smoothness.
- h. Methods for protecting the finished product from damage and procedures for any necessary corrective action.
- i. Method of grade checks.
- j. Examples of Quality Control forms.
- k. Name, responsibilities, and qualifications of the Responsible onsite Recycling Supervisor experienced and knowledgeable with the process.
- l. Method for calibration/verification of density gauge.
- m. A note that all testing will be done in accordance with AASHTO and MDOT/ACM procedures.
- n. Stockpile procedures including method of moisture control.

The Project Superintendent shall be named in the QCP, and the responsibilities for successful implementation of the QCP shall be outlined.

The Contractor shall sample, test, and evaluate the PMRAP process in accordance with the following procedures and minimum frequencies:

MINIMUM QUALITY CONTROL FREQUENCIES

Test or Action	Frequency	Test Method
Density	1 per 300 m [1000 ft] / lane	ASTM D 2950
Air Temperature	4 per day at even intervals	
Surface Temperature	At the beginning and end of each days operation	
Yield of all materials (Both the daily yield and yield since last test)	4 per day at even intervals	

The Contractor shall submit all QC test reports and summaries in writing, signed by the appropriate technician, and present them to the Department's onsite representative by 1:00 P.M. on the next working day, except when otherwise noted in the QCP due to local restrictions. The Contractor shall make all test results, including randomly sampled densities, available to the Department onsite.

The Contractor shall cease recycling operations whenever one of the following occurs:

- The computed yield differs from the approved Job Mix Formula by 10% or more.
- The Contractor fails to follow the approved QCP.
- The Contractor fails to achieve 98% density after corrective action has been taken.

Recycling operations shall not resume until the Contractor and the Department agree on the corrective action to be taken.

310.051 Test strip The contractor shall assemble all items of equipment for the recycling operation on the first day of the recycling work. The Contractor shall construct a test strip for the project at a location approved by the Resident. The test strip section is required to:

- Demonstrate that the equipment and processes can produce recycled layers to meet the requirements specified in these special provisions;
- Determine the effect on the grading of the recycled material by varying the forward speed of the paving machine; and;
- Determine the sequence and manner of rolling necessary to obtain the compaction requirements and establish a target TMD. The Contractor and the Department will calibrate their respective gauges at this time.

The test strip shall be at least 100 m [300 ft] in length of a full lane-width (or a half-road width).

Full PMRAP production will not begin until an acceptable test strip has been constructed. If a test strip fails to meet the requirements of this specification, the Contractor will be required to repair or replace the test strip to the satisfaction of the Resident. Any repairs, replacement, or duplication of the test strip will be at

the Contractor's expense.

Quality Assurance density testing of the recycled material will be performed by the Department using the nuclear method. After the test strip has been placed, it will be rolled as directed until the nuclear density readings show an increase in density of less than 16 kg/m³ [1 pcf] for the final four roller passes. The test strip density will be used as the target density for the recycled material. The remaining PMRAP material shall be compacted to a minimum density of 98% of the target density as determined in the control section.

ACCEPTANCE TEST FREQUENCY

Property	Frequency	Test Method
In-place Density	1 per 600 m [2000 ft] / lane	ASTM D 2950

310.052 Repairs Repairs and maintenance for the PMRAP layers, during and after the curing period, resulting from damage caused by traffic, weather or environmental conditions, or caused by the Contractor's operations or equipment, shall be completed at no additional cost to the Department.

Low areas will be repaired using a hot mix asphalt shim course. Areas up to 25mm [1 in] high can be repaired by milling or shimming with hot mix asphalt. Areas higher than 25mm [1 in] will be repaired using a hot mix asphalt shim. All repair work will be done with the Resident's approval at the Contractor's expense.

310.06 Curing No new hot mix asphalt pavement or additional layers of PM-RAP shall be placed on the recycled asphalt pavement until a curing period of (4) four days has elapsed. The curing period starts once the PM-RAP has been placed in the roadway. When weather conditions are unfavorable, the curing period may be extended by the Resident.

310.07 Method of Measurement Plant Mixed Recycled Asphalt Pavement shall be measured by the **Ton**.

310.08 Basis of Payment The accepted quantity of Plant Mixed Recycled Asphalt Pavement will be paid for at the contract unit price per **Ton**, complete in-place which price will be full compensation for furnishing all equipment and labor for mixing, testing, placing, and compacting, and for all incidentals necessary to complete the work.

Payments will be made under:

Pay Item

Pay Unit

310.17 Plant Mixed Recycled Asphalt Pavement

Ton

SPECIAL PROVISION
SECTION 310
Plant Mix Recycled Asphalt Pavement
Mix Design

The Plant Mix Recycled Asphalt Pavement on this project will be treated with the following material proportions:

Emulsion	3.5%
Water	3.0% – 6.0%
Portland cement (Type I or II)	1.5 %

The optimum moisture content for compaction shall be determined by the Department using samples obtained from the pulverized material prior to addition of the foamed asphalt, by means of AASHTO T 180, Method D.

A contract modification will be executed if percentages change from the requirements above for added emulsion or Portland cement by more than 0.10%. Positive and negative price adjustments will be made. The price adjustment will be based upon receipted bills for materials delivered the project site. If a price adjustment is warranted, the contractor will supply the Department with all receipted bills for emulsion and Portland cement for the entire project. Adjustments in water content exceeding the initial targets shall not be paid for directly, but shall be incidental.

SPECIAL PROVISION
SECTION 310
PLANT MIXED RECYCLED ASPHALT PAVEMENT

310.01 Description This work shall consist of placing the processed recycled asphalt pavement from an existing, Department supplied stockpile **at the MDOT Canaan Maintenance lot in Canaan**, in one or more courses. A one week notice to the Department is required prior to placing PMRAP. All plant mixed recycled asphalt pavement shall be placed on an approved base in accordance with these specifications and in reasonably close conformity with the lines, grades, thicknesses, and typical cross sections shown on the plans or established by the Resident. **Planned placement location for PMRAP is Rte. 23 in Canaan & Hartland, map ID # 4. A 10 working day notice to the Department is required, prior to placing PMRAP.**

EQUIPMENT

310.032 Bituminous Pavers Pavers shall meet the requirements of Section 401.09.

310.031 Loading and Hauling Equipment **Truck loading and hauling will be done by the State**

310.033 Rollers Rollers shall meet the requirements of Section 401.10.

CONSTRUCTION REQUIREMENTS

310.041 Weather Limitations The plant mixed recycled asphalt pavement shall not be placed when;

- a. PM-RAP operations will be allowed between May 15th and September 15th inclusive in Zone 1 - Areas north of US Route 2 from Gilead to Bangor and north of Route 9 from Bangor to Calais. Foaming operations will be allowed between May 1st and September 30th inclusive in Zone 2 - Areas south of Zone 1 including the US Route 2 and Route 9 boundaries.
- b. The atmospheric temperature, as determined by an approved thermometer placed in the shade at the recycling location, is 10°C [50°F] and rising.
- c. When there is no standing water on the surface.
- d. During generally dry conditions, or when weather conditions are such that proper pulverizing, adding, mixing, and curing can be obtained using proper procedures, and when compaction can be accomplished as determined by the Resident.
- e. When the surface is not frozen and when overnight temperatures are expected to be above 32°F.

310.042 Spreading and Finishing The mixture shall be spread and finished in accordance with Section 401.15, **or established by the Resident**. Minimum compacted thickness will be 1 ½". Thickness may vary, some may be placed spot shimming ¼ point out. Total layer thickness greater than 4 in will be placed in 2 lifts, **or established by the Resident**.

310.043 Compaction Compaction of the mixture shall be in accordance with Section 401.16. Rolling may be delayed to avoid lateral displacement as directed by the Resident. See also Section 310.051.

310.044 Joints Joints shall be constructed in accordance with Section 401.17.

310.045 Surface Tolerances The surface tolerances shall be as specified in Section 401.101, except that the maximum allowable variation shall be $\frac{3}{8}$ in., **or established by the Resident.** The surface tolerance in existing gravel areas covered by PMRAP, with no additional gravel, shall be $\pm \frac{3}{8}$ in., **or established by the Resident.**

TESTING REQUIREMENTS

310.050 Quality Control The Contractor shall operate in accordance with the approved Quality Control Plan (QCP) to assure a product meeting the contract requirements. The QCP shall meet the requirements of Section 106.6 - Acceptance and this Section. The Contractor shall not begin recycling operations until the Department approves the QCP in writing.

Prior to performing any recycling process, the Department and the Contractor shall hold a Pre-recycle conference to discuss the recycling schedule, type and amount of equipment to be used, sequence of operations, and traffic control. A copy of the QC random numbers to be used on the project shall be provided to the Resident. All field and plant supervisors including the responsible onsite recycling process supervisor shall attend this meeting.

The QCP shall address any items that affect the quality of the Recycling Process including, but not limited to, the following:

- a. Make and type of paver(s).
- b. Make and type of rollers including weight, weight per inch of steel wheels, and average contact pressure for pneumatic tired rollers.
- c. Testing Plan.
- d. Laydown operations to avoid placement and curing in inclement weather, methods to ensure that placement segregation is minimized, longitudinal joint construction, procedures to determine the maximum rolling and placing speeds based on field quality control, and achieving the best possible smoothness.
- e. Methods for protecting the finished product from damage and procedures for any necessary corrective action.
- f. Method of grade checks.
- g. Examples of Quality Control forms.
- h. Name and responsibilities of the Responsible onsite Recycling Supervisor.
- i. Method for calibration/verification of density gauge.
- j. A note that all testing will be done in accordance with AASHTO and MDOT/ACM procedures.

The Project Superintendent shall be named in the QCP, and the responsibilities for successful implementation of the QCP shall be outlined.

The Contractor shall sample, test, and evaluate the PMRAP process in accordance with the following procedures and minimum frequencies:

MINIMUM QUALITY CONTROL FREQUENCIES

Test or Action	Frequency	Test Method
Density	1 per 1000 ft	ASTM - D2950
Air Temperature	4 per day at even intervals	-
Surface Temperature	At the beginning and end of each days operation	-

The Contractor shall submit all QC test reports and summaries in writing, signed by the appropriate technician, and present them to the Department's onsite representative by 1:00 P.M. on the next working day, except when otherwise noted in the QCP due to local restrictions. The Contractor shall make all test results, including randomly sampled densities, available to the Department onsite.

The Contractor shall cease placement operations whenever one of the following occurs:

- a. The Contractor fails to follow the approved QCP.
- b. The Contractor fails to achieve 98% density after corrective action has been taken.

Placement operations shall not resume until the Contractor and the Department mutually agree on the corrective action to be taken.

310.051 Test strip The contractor shall assemble all items of equipment for the recycling operation on the first day of the recycling work. The Contractor shall construct a test strip for the project at a location approved by the Resident. The test strip section is required to:

- A. Demonstrate that the equipment and processes can produce recycled layers to meet the requirements specified in these special provisions;
- B. Determine the effect on the grading of the recycled material by varying the forward speed of the paving machine; and;
- C. Determine the sequence and manner of rolling necessary to obtain the compaction requirements and establish a target TMD. The Contractor and the Department will calibrate their respective gauges at this time.

The test strip shall be at least 300 ft in length of a full lane-width (or a half-road width). Full PMRAP production will not begin until an acceptable test strip has been constructed. If a test strip fails to meet the requirements of this specification, the Contractor will be required to repair or replace the test strip to the satisfaction of the Resident. Any repairs, replacement, or duplication of the test strip will be at the Contractor's expense.

Quality Assurance density testing of the recycled material will be performed by the Department using the nuclear method. After the test strip has been placed, it will be rolled as directed until the nuclear density readings show an increase in density of less than 1 pcf for the final four roller passes. The test strip density will be used as the target density for the recycled material. The remaining PMRAP material shall be compacted to a minimum density of 98% of the target density as determined in the control section.

ACCEPTANCE TEST FREQUENCY

Property	Frequency	Test Method
In-place Density	1/[2000 feet	ASTM - D2950

310.052 Repairs Repairs and maintenance for the PMRAP layers, during and after the curing period, resulting from damage caused by traffic, weather or environmental conditions, or caused by the Contractor's operations or equipment, shall be completed at no additional cost to the Department.

Low areas will be repaired using a hot mix asphalt shim course. Areas up to 1 inch high can be repaired by milling or shimming with hot mix asphalt. Areas higher than 1 inch will be repaired using a hot mix asphalt shim. All repair work will be done with the Resident's approval at the Contractor's expense.

310.06 Curing No new pavement shall be placed on the recycled asphalt pavement until a curing period of (5) five days has elapsed. The curing period begins after being placed in the roadway. When weather conditions are unfavorable, the curing period may be extended by the Resident.

310.07 Method of Measurement The plan quantity of 133,000 square yards of Plant Mixed Recycled Asphalt Pavement shall be measured by the **Square Yard**.

310.08 Basis of Payment The accepted quantity of Plant Mixed Recycled Asphalt Pavement will be paid for at the contract unit price per **Square Yard**, complete in-place which price will be full compensation for furnishing all equipment and labor for testing, placing, and compacting, and for all incidentals necessary to complete the work.

Payments will be made under:

Pay Item

Pay Unit

310.18 Plant Mixed Recycled Asphalt Pavement

Square Yard

SPECIAL PROVISIONS
DIVISION 400
PAVEMENTS

Description. This work shall consist of supplying the aggregate and bitumen, and producing Hot Maintenance Mulch for use as directed by the Maintenance Division. The mixture shall be placed as directed by the Department or authorized representative.

MATERIALS

Bituminous Material. The bituminous material shall meet the requirements of the State of Maine, Department of Transportation Standard Highway Specifications, Revision of December 2002. The asphalt shall be **PG 64-28** or **PG 64-22**, unless otherwise approved by the Department or authorized representative.

Aggregate. Aggregate shall consist of clean, tough, durable fragments free from an excess of flat, elongated, soft or disintegrated particles. **In addition, the absorption of the fine aggregate, as determined by AASHTO T84, shall not exceed 3.0 percent by weight.** It shall be processed from a gravel or stone source in such a manner that a uniformly graded stockpile of sufficient quantity for at least one day's normal production will be available at all times. Production of the mix will come from prepared stockpiles.

Recycled Asphalt Pavement (RAP). A maximum of 10% RAP (Hot Maintenance Mulch) may be used in the wearing course if approved by the Department or authorized representative. When RAP is used, the specified quantity of Performance Graded Binder (PGB) to be added will be reduced by the known proportioned quantity of asphalt in the RAP. The RAP mixture must meet the requirements for non-RAP mixes described in this contract, including gradation limits. The Contractor shall conduct an approved standard test to determine the RAP aggregate gradation. A copy of the test results will be submitted by the Contractor to the Department or authorized representative prior to the use of the RAP, and a copy will be sent by the Contractor to the Bureau of Maintenance and Operations, 16 State House Station, Augusta, Maine 04333-0016 to the attention of the Highway Maintenance Engineer.

When combined, the material shall conform within the following gradation limits.

<u>Square Mesh</u>	<u>Square Mesh Sieves Standard Range</u>
½"	100
#4	75-100
#16	26-75
#50	10-30
#200	2-8

Asphalt Content for Hot Maintenance Mulch

For bidding purposes, the bidder should use the appropriate percent (%) asphalt content from the table below as the basic asphalt content of the proposed mix. Should the asphalt content require adjusting, the Contractor will be paid an additional sixteen cents (\$0.16/ton) per ton for each one-tenth of one percent (0.1%) increase in the asphalt content and/or the State will be allowed a credit of sixteen cents (\$0.16) per ton for each one-tenth of one percent (0.1%) decrease in the asphalt content with the mix design to be approved by the Department or the authorized representative.

<u>PIN</u>	<u>AREA</u>	<u>DIV.</u>	<u>% AC AIM</u>
11001.00	Houlton	1	6.4
11002.00	Caribou	1	6.3
11006.00	Addison	2	6.4
11007.00	Edmunds	2	6.4
11010.00	Howland	3	6.3
11011.00	Bowerbank	3	6.3
11013.00	Pittsfield	4	6.2
11015.00	Richmond	5	6.4
11018.00	Berwick	6	6.2
11019.00	Cumberland	6	6.2
11021.00	Rangeley	7	6.4

Composition of Mixtures. The gradation and asphalt content of the resultant mixture will be as directed by the Department or authorized representative.

CONSTRUCTION REQUIREMENTS

Weather Limitations. Weather conditions shall be satisfactory for the safety of the operation and shall be carried on only when the atmospheric temperature is above 50° F and pavement temperature is above 40° F.

Testing. Control of the mix will be maintained by requiring that the running average of three consecutive **washed tests** will fall within the required gradation limits.

The Contractor shall be required to provide a report of a minimum of three passing **washed gradations** from each plant site. The location for sampling will be either from the incline belt on a drum mixer plant, a dry batch through the pugmill or a combined hot bin sample on a batch plant. In lieu of the dry samples the gradation achieved from an extracted mix sample would be acceptable.

The first gradation will be taken prior to production, the second taken during the first day of production. The final test will be taken when 50 % of contract has been completed. A copy of the test result will be made available to the Department or authorized representative before the next working day after the test is required. At the same time a copy will be sent by the Contractor to the Maintenance and Operations Bureau, 16 State House Station, Augusta, Maine 04333-0016 to the attention of the Hot Maintenance Mulch Manager. Blank forms will be available through the Department or the authorized representative upon request. The Department or authorized representative may require that a sample be procured and tested by State personnel prior to the start of operations.

These tests in no way relieve the Contractor from control testing to maintain the quality and consistency of the product. Nothing in this section prevents the Department of Transportation's personnel from obtaining additional samples of products to assure the acceptability of the product.

Hot Mix Asphalt Plant Requirements. All Bituminous mixing plants shall conform to the Standard Specifications, Revision of December 2002.

Mixing Operations. The processing of the aggregate, handling of bitumen, drying of aggregate, and mixing shall conform with acceptable practices of the paving industry. The Contractor's plant shall supply a minimum of 90 ton/hour at the paver.

The contractor shall provide silicon additive when requested by the Department or authorized representative.

The Contractor shall provide an adequate supply of approved release agent, as well as the necessary application equipment to safely apply sufficient material to prevent the mixture from adhering to the truck beds.

Traffic Control. The State will provide all necessary traffic control and sweeping operations.

Placing Operations. The Contractor shall be responsible for the actual placing and rolling operations. Placing operations shall conform to acceptable paving practices. Mixture produced under this contract shall be placed on the roadway with an approved self-propelled bituminous finishing machine designed for highway paving. Immediately after the material is spread, a sufficient number of 7 - 10 ton, 2-axle steel wheel and/or rubber tired rollers, as determined by the Department or authorized representative, shall be utilized to properly compact it.

The Contractor shall provide sufficient personnel at the paver to assure placement of the pavement in an orderly, safe, and efficient manner so as to assure a quality mat and proper overall yield.

Every effort shall be made to close exposed longitudinal joints within two (2) working days and on weekends and holidays.

In the event the Contractor's placing equipment breaks down, the State may place the mixture in transit if State equipment is readily available and if it is a type which can perform the work satisfactorily. This cost of placing will be borne by the Contractor.

Dust Control. The Contractor is responsible for dust control on the access roads for the bituminous plant as described in Section 637 of the Standard Highway Specifications, Revision of December 2002. This work shall be incidental to the contract.

Method of Measurement. Hot Maintenance Mulch will be measured **by the ton, at the contract price**, according to delivery slips. Material not placed and compacted satisfactorily due to Contractor's equipment failure will not be measured for payment. The delivery slips shall conform to the requirements of the Standard Highway Specifications Revision of December 2002. Cover slips will be required to be delivered on the next working day after each paving day. Listed will be the Item number, date and quantity.

Basis of Payment. Hot Maintenance Mulch will be paid for at the contract unit price per ton. Such payment shall be full compensation for obtaining and furnishing all aggregate and bituminous material including tack; for processing, heating, mixing, weighing, placing, rolling; for furnishing all labor, equipment, tools and all incidentals necessary to complete the work.

Payment will be made under:

Pay Item

Pay Unit

461.13

Hot Maintenance Mulch

Ton

SPECIAL PROVISIONS
SECTION 401
PAVEMENTS

Description. This work shall consist of supplying the aggregate and bitumen, and producing 9.5 mm HMA (Hot Mix Asphalt) for use as directed by the Maintenance Division. The mixture shall be placed as directed by the Department.

MATERIALS

HMA MIX TYPE. The Hot Mix Asphalt Type shall be 9.5 mm Fine or 9.5 mm Fine w/RAP.

Bituminous Material. The bituminous material shall meet the requirement of the State of Maine, Department of Transportation, Standard Highway Specifications, Revision of December 2002. The asphalt shall be meet the grading requirements of PG 64-28 or PG 64-22.

Aggregate. Aggregate shall consist of clean, tough durable fragments free from an excess of flat, elongated, soft or disintegrated particles. It shall be processed from a gravel or stone source in such a manner that a uniformly graded stockpile of sufficient quantity for at least on day's normal production will be available at all times. Production of the mix will come from prepared stockpiles.

Materials. Materials shall meet the following Consensus Quality requirements:

The Composite Blend shall have a Micro-Deval value of 18.0 or less as determined by AASHTO TP-58-99. In the event of a failure, the Washington Degradation test of 1967 shall be run before rejection of the material. Material with a value of 30 or more may be accepted.

The fine aggregate shall not exceed an absorption of 3% by weight as determined by AASHTO T84.

The Sand Equivalent value shall be a minimum of 45 as determined by AASHTO T304.

The uncompacted Void Content of Fine Aggregate shall be a minimum of 40 as determined by AASHTO T304.

Composition of Mixtures The Contractor shall compose the Hot Mix Asphalt Pavement with aggregate, Performance Graded Asphalt Binder (PGAB), and mineral filler if required. The Contractor shall size, uniformly grade, and combine the aggregate fractions in proportions that provide a mixture meeting the grading requirements of the Job Mix Formula (JMF). The Contractor may use a maximum of 15% reclaimed asphalt pavement (RAP).

The Contractor shall submit for Department approval a JMF to the Central Laboratory in Bangor. The JMF shall establish a single percentage of aggregate passing each required sieve size within the limits shown in Table A. The JMF shall state the source, gradation, and percentage to be use of each portion of the aggregate and mineral filler if required. It shall also state the proposed PGAB content, the name and location of the refiner, the supplier, the source of PGAB submitted for approval, the type of PGAB modification if applicable, and the location of

the terminal if applicable. All mixes utilized in this contract work shall be from a single Hot Mix Asphalt source to minimize the testing requirements, unless otherwise authorized by the Department.

The mix design air void target is 4.0 % for all HMA mixes placed under this contract.

CONSTRUCTION REQUIREMENTS

Weather Limitations. Weather conditions shall be satisfactory for the safety of the operation and shall be carried on only when the atmospheric temperature is above 50° F and pavement temperature is above 40° F. Placement of HMA will not be allowed on wet surfaces.

Gradation Testing. Control of the mix production will be maintained by requiring that the running average of three consecutive **washed gradation tests** fall within the required gradation limits outlined in Table A.

TABLE A

Property - Gradation	Specification Limits
Square Mesh Sieve	Percent Passing
1/2"	100
# 4	70 - 100
# 16	26 - 75
# 50	10 - 30
# 200	2 - 8

The Contractor shall be required to provide a report of a minimum of three passing **washed gradations** from each plant site. The location for sampling will be either from the incline belt on a drum mixer plant, a dry batch through the pugmill or a combined hot bin sample on a batch plant. In lieu of the dry samples the gradation achieved from an extracted mix sample would be acceptable.

The first gradation will be taken prior to production, the second taken during the first day of production. The final test will be taken when 50% of contract has been completed. A copy of the test result will be made available to the Department, or authorized representative, before the next working day after the test is require. At the same time, a copy will be sent by the Contractor to the Maintenance and Operations Bureau, 16 State House Station, Augusta, Maine 04333-0016 to the attention of the Hot Maintenance Mulch Manager. Blank forms will be available through the Division Engineer or the authorized representative upon request. The Division Engineer or authorized representative may require that a sample be procured and tested by State personnel prior to the start of operations.

These tests in no way relieve the Contractor from control testing to maintain the quality and consistency of the product. Nothing in this section prevents the Department of Transportation's personnel from obtaining additional samples of products to assure the acceptability of the product.

Quality Control - Method C

The Department will obtain samples of Hot Mix Asphalt Pavement in conformance with AASHTO T168 Sampling Bituminous Paving Mixtures, and the MDOT/ ACM Sampling Policy. The Department will take the samples randomly within each subplot.

For hot mix asphalt items designated as Method C, the total quantity of mix represented in the Contract shall constitute a Lot. Each Lot shall be divided into a minimum of **four (4)** sublots.

The maximum subplot size shall be **2500 ton**. Each subplot sample will be taken from the paver hopper, or the truck body, per pay item. The samples will then be transported by the Contractor to the designated MDOT Laboratory as directed by MDOT. All samples will be placed in approved transport containers to be provided by the Department, unless otherwise directed by the Department. The mix will be tested for gradation and PGAB content. Disputes will not be allowed. If the mix is within the tolerances listed in Table 7 - Method C Acceptance Limits, the Department will pay the contract unit price. Target values shall be as specified in the JMF.

TABLE 7: METHOD C ACCEPTANCE LIMITS

Property	USL and LSL	
		Method C
Percent Passing No. 4 and larger sieves		Target ± 7
Percent Passing No. 8 to No. 16 sieves		Target ± 5
Percent Passing No. 30		Target ± 4
Percent Passing No. 50 to No. 200 sieve		Target ± 3
PGAB Content		Target ± 0.5

If the test results for each subplot outside the Table 7 property limits the following deductions in Table 7b shall apply to the HMA quantity represented by the test. A second consecutive test outside acceptance criteria shall result in cessation of mix production.

TABLE 7b

PGAB Content	-5%
2.36 mm sieve	-2%
0.30 mm sieve	-1%
0.075 mm sieve	-2%

The Department will use Table 7b for calculating pay factors for gradation and PGAB content.

Onsite certified QC personnel shall not be required.

Hot Mix Asphalt Plant Requirements. All Bituminous mixing plants shall conform to the Standard Specifications, Revision of December 2002.

Mixing Operations. The processing of the aggregate, handling of bitumen, drying of aggregate, and mixing shall conform with acceptable practices of the paving industry. The Contractor's plant shall supply a minimum of 90 ton/hour at the paver.

The Contractor shall provide silicon additive when requested by the Division Engineer or authorized representative.

The Contractor shall provide an approved release agent, and application equipment, to safely apply a sufficient coating of release agent to prevent the HMA mixture from adhering to the truck beds.

Traffic Control. The State will provide all necessary traffic control and sweeping operations.

Placing Operations. The Contractor shall be responsible for the actual placing and rolling operations. Placing operations shall conform to acceptable paving practices. Mixture produced under this contract shall be placed on the roadway with an approved self-propelled bituminous finishing machine designed for highway paving. Immediately after the material is spread, a sufficient number of 7 – 10 ton, 2-axle steel wheel and/or rubber tired rollers, as determined by the Division Engineer or authorized representative, shall be utilized to properly compact it.

The Contractor shall provide sufficient personnel at the paver to assure placement of the pavement in an orderly, safe, and efficient manner, and so as to assure a quality mat and proper overall yield.

Every effort shall be made to closed exposed longitudinal joints within two (2) working days, and on weekends and holidays.

In the event the Contractor's placing equipment breaks down, the State may place the mixture in transit if State equipment is readily available and if it is a type which can perform the work satisfactorily. This cost of placing will be borne by the Contractor.

Onsite certified QC personnel shall not be required.

Dust Control. The Contractor is responsible for dust control on the access roads for the bituminous plant as described in Section 637 of the Standard Highway Specifications, Revision of December 2002. This work shall be incidental to the contract.

Method of Measurement. Hot Maintenance Mulch will be measured **by the ton, at the contract price**, according to delivery slips. Material not placed and compacted satisfactorily due to Contractor's equipment failure will not be measured for payment. The delivery slips shall conform to the requirements of the Standard Highway Specifications, Revision of December 2002. Cover slips will be required to be delivered on the next working day after each paving day. Listed will be the Item number, date and quantity.

Basis of Payment. 9.5 mm HMA will be paid for at the contract unit price per ton. Such payment shall be full compensation for obtaining and furnishing all aggregate and bituminous material including tack; for processing, heating, mixing, weighing, placing, rolling; for furnishing all labor, equipment, tools and all incidentals necessary to complete the work.

When work is to be accepted under Method C provisions, the Department will make a pay adjustment for quality below the minimum acceptable level, as specified on Table 7b.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
461.210 Hot Mix Asphalt, 9.5 mm	Ton

HOT MAINTENANCE MULCH
9.5 mm HMA
PMRAP
March 16, 2004

SUPPLEMENTAL SPECIFICATIONS

SECTION 409

BITUMINOUS TACK COAT

409.02 Bituminous Material

The type and grade shall be HFMS-1, emulsified asphalt.

409.05 Equipment

The first sentence of the second paragraph shall be replaced with the following:

The distributor shall be designed, equipped, maintained and operated so that the bituminous material, at a constant temperature within the range of 100-140° F, may be applied uniformly on variable width of surface up to 15 feet at readily determined and controlled rates, on old pavement tack to be 0.05 gal/yd² prior to PMRAP placement, all others to be 0.025 gal/yd², with uniform pressure and with an allowable variation not to exceed 0.05 gal/yd² from any specified rate.

409.09 Basis of Payment

Furnishing and applying bituminous tack coat will be considered incidental to the payment of ITEM 461.13 - Hot Maintenance Mulch and 9.5 mm HMA, payment of ITEM 461.210 – 9.5 mm HMA or payment of ITEMS 310.15, 310.18, and 310.17 – PMRAP.

HAUL DISTANCE COMPUTATION INSTRUCTIONS

In order to reduce inconsistencies in figuring "haul distance" as required in the Cost Computation Chart, the following formula will cover the various situations:

$$\text{(Basic Formula) Haul Distance} = D + \frac{(e_1)^2 + (e_2)^2}{2L}$$

D = Distance from plant to first contact with the section

L* = Length of section which the formula is applied, including designated skips

e₁ = Distance from point of intersection of haul route to other end of the length of section to which the formula is applied (e₂).

X = Mixing Site (beginning point of haul)

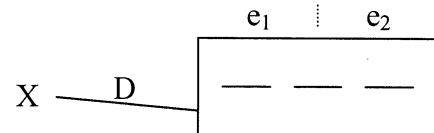
Note : e₁ + e₂ = L

It is assumed that the material will be placed at a uniform rate for the entire distance (L).

EXAMPLES

Case I. Trucks approach Section at one end.

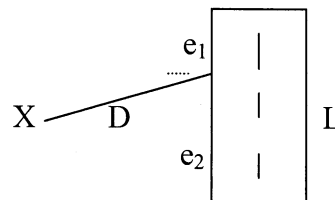
D = 20 mi, e₁ = 12, e₂ = 0, L = 12 mi



$$\text{Haul Distance} = 20 + \frac{(12^2 + 0^2)}{2(12)} = 20 + \frac{144}{24} = 20 + 6 = \underline{\underline{26 \text{ miles}}}$$

Case II: Trucks approach Section at a point other than the end.

D = 20 mi, e₁ = 4 mi, e₂ = 8 mi, L = 12 mi



$$\text{Haul Distance} = 20 + \frac{(4^2 + 8^2)}{2(12)} = 20 + \frac{80}{24} = 20 + 3.3 = \underline{\underline{23.3 \text{ miles}}}$$

See next page for Case III.

* Note: In cases where there is a skipped distance(s) in the section being figured, "L" will represent the total section length, meaning the portions to be paved plus the skipped area(s).

HAUL DISTANCE COMPUTATION INSTRUCTIONS (pg 2)

Case III: Trucks approach the Section from two roads and intercept the Section at two points other than the ends of the section.

Length of section is 12 miles.

To solve this problem, use the following formula:

$$\frac{D_1 + D_2 + (e_{2x} + e_{2y})}{2}$$

For this example, divide the section into two parts; L_1 and L_2 .

$D_1 = 20$ mi, $e_{1x} = 2$ mi, e_{2x} is unknown, and L_1 is unknown.

$D_2 = 22$ mi, $e_{1y} = 4$ mi, e_{2y} is unknown and L_2 is unknown.

Find the distance to the point of equal haul (P).

$$P = \frac{20 + 22 + (e_{2x} + e_{2y})}{2}$$

$$e_{2x} + e_{2y} = 12 - 4 - 2 = 6$$

$$P = \frac{20 + 22 + 6}{2} = 24$$

$$e_{2x} = 24 - 20 = 4$$

$$e_{2y} = 24 - 22 = 2$$

Then:

$$L_1 = 2 + e_{2x} = 6$$

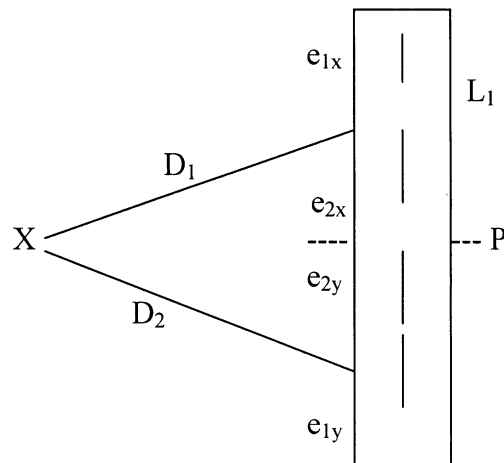
$$L_2 = 4 + e_{2y} = 6$$

$$\text{Part 1 Haul Distance : } D_1 = 20 + \frac{2^2 + 4^2}{2(6)} = 20 + \frac{4+16}{12} = 20 + 1.7 = 21.7 \text{ mi}$$

$$\text{Part 2 Haul Distance : } D_2 = 22 + \frac{4^2 + 2^2}{2(6)} = 22 + \frac{16+4}{12} = 22 + 1.7 = 23.7 \text{ mi}$$

Average Haul Distance :

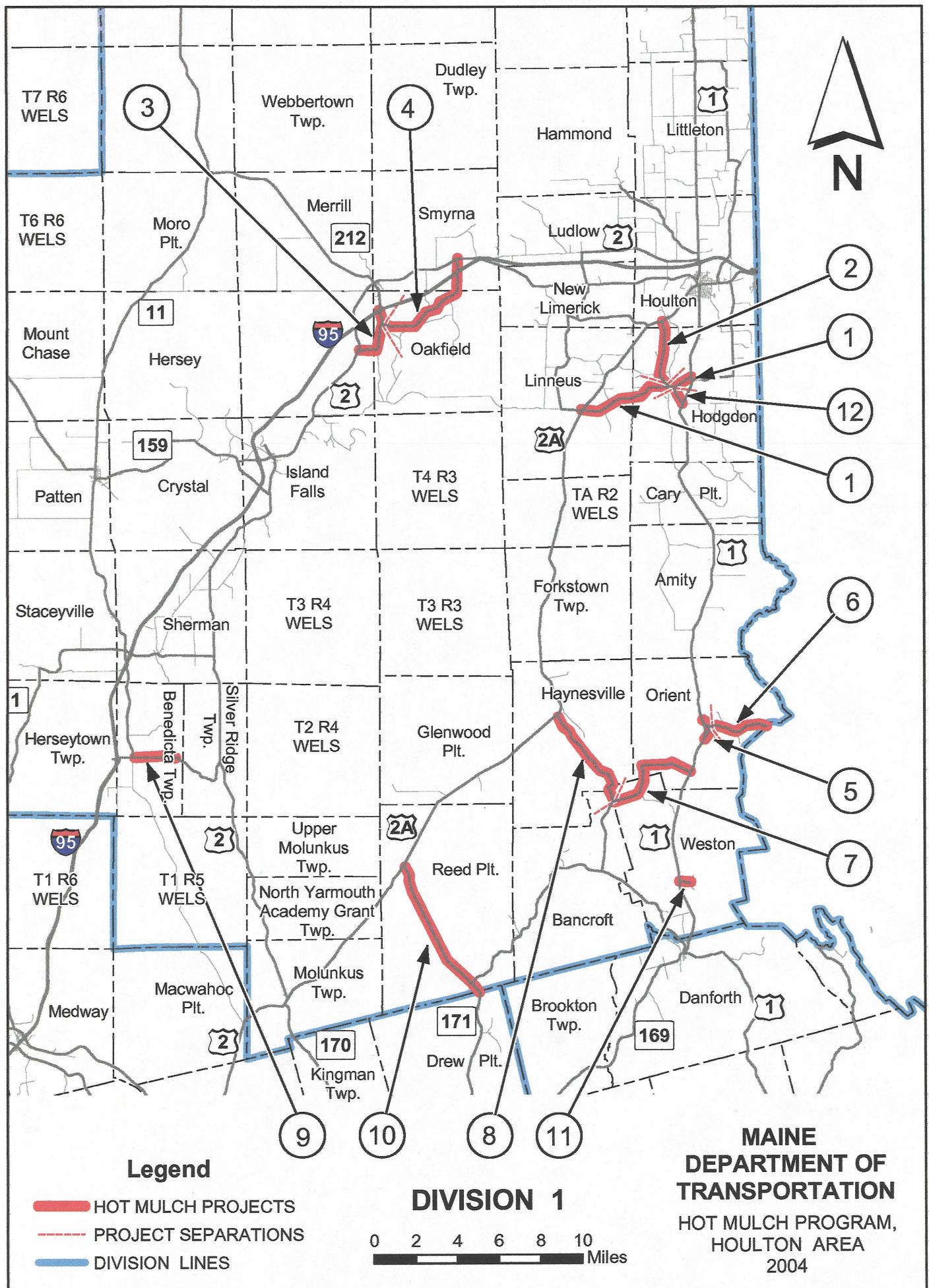
$$\frac{(D_1 \times L_1) + (D_2 \times L_2)}{L_1 + L_2} = \frac{(21.7 \times 6) + (23.7 \times 6)}{6 + 6} = \frac{130.2 + 142.2}{12} = \frac{272.4}{12} = \underline{\underline{22.7 \text{ miles}}}$$



Houlton AREA

AREA PIN: 11001.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 1 2004	1	Hodgdon, Linneus		Hodgdon Rd., From the jct of Rte 1 Westerly, to the jct of Rte 2A (also, mix & place PMRAP)	5.79	4429	HMM
Div 1 2004	2	Hodgdon, Houlton		Walker Rd, From the jct of the Linneus Rd Northerly, to the jct of Rte 2A.	3.35	1675	HMM
Div 1 2004	3	Dyer Brook, Oakfield		River Rd, From the jct of Rte 2 Northeasterly, to the Jct of I-95 Ramps.	2.98	1490	HMM
Div 1 2004	4	Oakfield, Smyrna		Timoney Lake Rd, From the jct of the River Rd Easterly, to the jct of Rte 2.	5.94	2970	HMM
Div 1 2004	5	Orient		Old Rte 1, From the South jct of Rte 1 Northerly, to the North jct of Rte 1.	0.91	455	HMM
Div 1 2004	6	Orient		Boundary Rd, From the jct of Old Rte 1 Easterly, to the Canadian Border.	3.07	1535	HMM
Div 1 2004	7	Weston, Orient		Number Nine/Seldon Rds, From the jct of the Ferry Rd Easterly, to the jct of Rte 1.	5.20	3120	HMM
Div 1 2004	8	Bancroft, Haynesville		Ferry Rd, From the jct of Number 9 Rd Northerly, to the jct of Rte 2A.	5.56	2780	HMM
Div 1 2004	9	Benedicta		Pond Rd, From the jct of the Aroostok & Casey Rds Easterly, for 2 miles.	1.99	995	HMM
Div 1 2004	10	Reed Plantation	171	From the Drew Plt T/L Northerly, to the jct of Rte 2A.	7.30	4380	HMM
Div 1 2004	11	Weston		Butterfield Landing Rd, From the jct of Rte 1 Easterly, to the jct of Weston Rd.	0.53	320	HMM
Div 1 2004	12	Hodgdon		Corner Rd, From the jct of the East Hodgdon Rd Southerly, to the jct of Rte 1 (also, mix & place PMRAP)	0.95	727	HMM
					<i>total miles</i> 43.57	<i>total tons</i> 24876	



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

HOULTON AREA
PIN - 11001.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

HOULTON AREA - PIN 11001.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	=	Unit Total Section Haul Cost
1. Hodgdon, Hodgdon Rd.			x	\$.46/mi	=		x	4 429	=	
2. Hodgdon, Walker Rd.			x	\$.46/mi	=		x	1 675	=	
3. Dyer Brook, River Rd.			x	\$.46/mi	=		x	1 490	=	
4. Oakfield, Timoney Lake Rd.			x	\$.46/mi	=		x	2 970	=	
5. Orient, Old Rte. 1			x	\$.46/mi	=		x	455	=	
6. Orient, Boundary Rd.			x	\$.46/mi	=		x	1 535	=	
7. Weston, Number Nine Seldon Rds.			x	\$.46/mi	=		x	3 120	=	
8. Bancroft, Ferry Rd.			x	\$.46/mi	=		x	2 780	=	
9. Benedicta, Pond Rd.			x	\$.46/mi	=		x	995	=	
10. Reed Plt., 171			x	\$.46/mi	=		x	4 380	=	

HOULTON AREA - PIN 11001.00 COST COMPUTATION CHART (page 2)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	Haul Cost x \$.46/mi	Haul Cost x	Est. HMM Ton	Unit Total Section Haul Cost
11. Weston, Butterfield Landing Rd.			x \$.46/mi	x	320	=
12. Hodgdon, Corner Rd.			x \$.46/mi	x	727	=

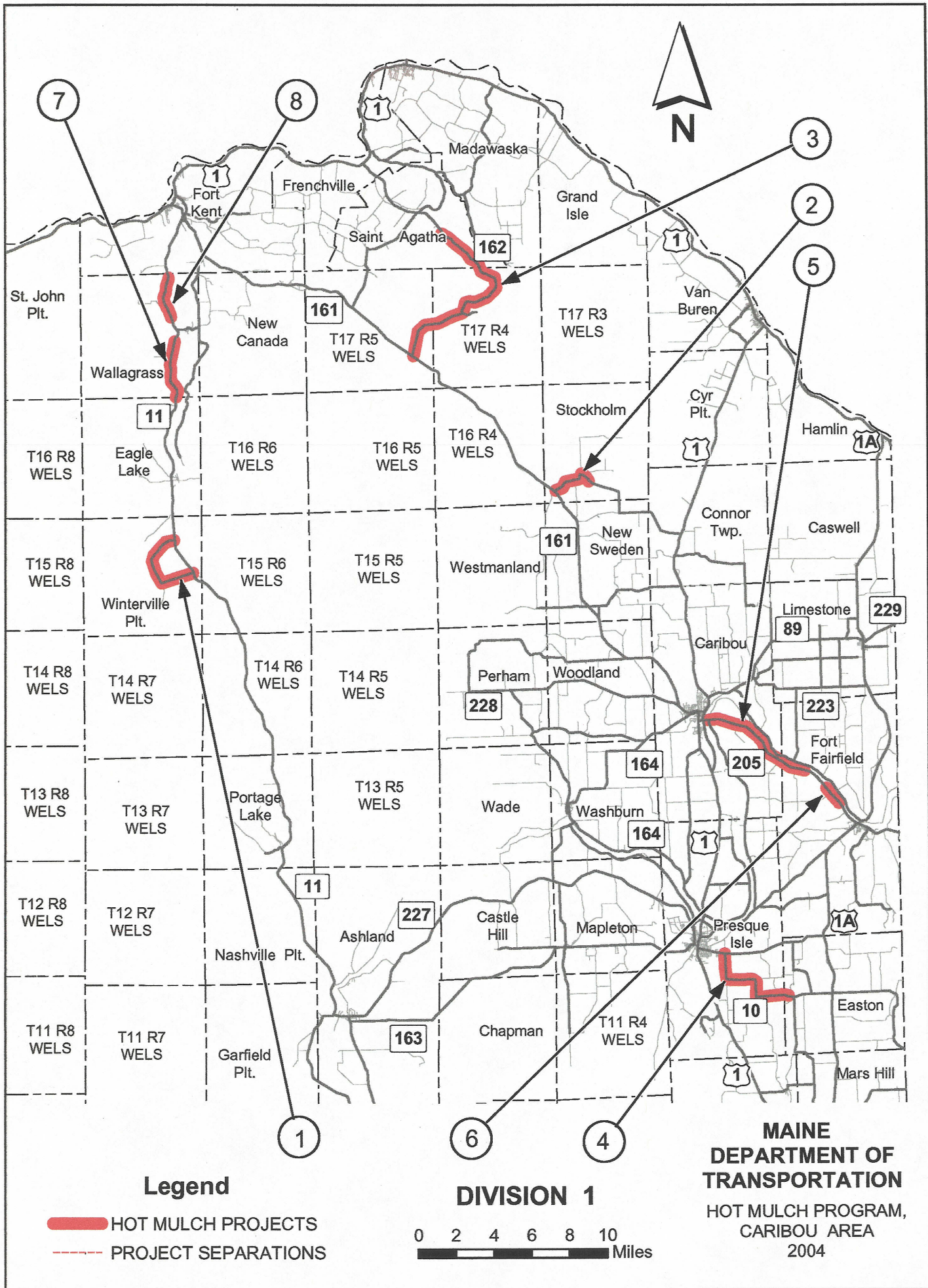
Item 461.13	24 876 Total Tons	X	Unit price	=	Total Area Haul Cost
Item 310.17	12 000 Total Tons	X	Unit Price	=	HMM Mix and Place Cost
Item 202.203	100 Total yd ²	X	Unit price	=	PMRAP Mix and Place Cost
					Butt Joint Cost
					Total Bid Amount

Authorized Signature _____ Date _____

Caribou AREA

AREA PIN: 11002.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 1 2004	1	Winterville Plt.		Quimby Road, From the jct of Rte 11 Northerly, To Route 11	4.95	2475	HMM
Div 1 2004	2	Stockholm		Main Street, From the jct of Route 161 Easterly, to a point 0.50 mi East of the jct of School St.	2.33	1165	HMM
Div 1 2004	3	Frenchville, T17 R5	162	From 6.5 mi South of Rte 1 Southerly, to the jct of Rte 161.	10.50	6300	9.5 mm
Div 1 2004	4	Easton, Presque Isle	10	From .27 mi w/o Station Road Westerly, to the C.U.L. in Presque Isle.	5.75	3450	9.5 mm
Div 1 2004	5	Fort Fairfield, Caribou	161	From 1.1 mi e/o the Fort Fairfield T/L Westerly, to the Aroostook River Bridge	6.08	3645	9.5 mm
Div 1 2004	6	Fort Fairfield	161	Begins 1.542 Westerly of the Intersection of Rte. 1A and Rte.161, Extend Westerly .98 miles	0.98	600	9.5 mm
Div 1 2004	7	Wallagrass	11	Begin at the Eagle Lake / Wallagrass Town Line, Extend Northerly 3.14 Miles	3.14	1884	9.5 mm
Div 1 2004	8	Wallagrass Plantation	11	Begins 2.68 Miles South of the Wallagrass / Fort Kent Town Line, Extends Northerly 2.30 Miles	2.30	1380	9.5 mm
					<i>total miles</i> 36.03	<i>total tons</i> 20899	



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

CARIBOU AREA
PIN - 11002.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

CARIBOU AREA - PIN 11002.00

COST COMPUTATION CHART

(To be filled out by Bidder)

(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	=	Est. 9.5 mm Ton	=	Unit	Total Section Haul Cost
1. Winterville Plt., Quimby Rd.			x	\$.46/mi	=		x	2 475	=		=		
2. Stockholm, Main St.			x	\$.46/mi	=		x	1 165	=		=		
3. Frenchville, 162			x	\$.46/mi	=		x		=	6 300	=		
4. Easton, 10			x	\$.46/mi	=		x		=	3 450	=		
5. Fort Fairfield, 161			x	\$.46/mi	=		x		=	3 645	=		
6. Fort Fairfield, 161			x	\$.46/mi	=		x		=	600	=		
7. Wallagrass, 11			x	\$.46/mi	=		x		=	1 884	=		
8. Wallagrass Plt., 11			x	\$.46/mi	=		x		=	1 380	=		

CARIBOU AREA - PIN 11002.00
COST COMPUTATION CHART (page 2)

	<u>Total Area Haul Cost</u>		
Item 461.13	$\frac{3\ 640}{\text{Total Tons}}$	$\times \frac{\text{Unit price}}{\text{Unit price}}$	$=$
Item 461.210	$\frac{17\ 259}{\text{Total Tons}}$	$\times \frac{\text{Unit Price}}{\text{Unit Price}}$	$=$
Item 202.203	$\frac{140}{\text{Total yd}^2}$	$\times \frac{\text{Unit price}}{\text{Unit price}}$	$=$
			<u>Butt Joint Cost</u>

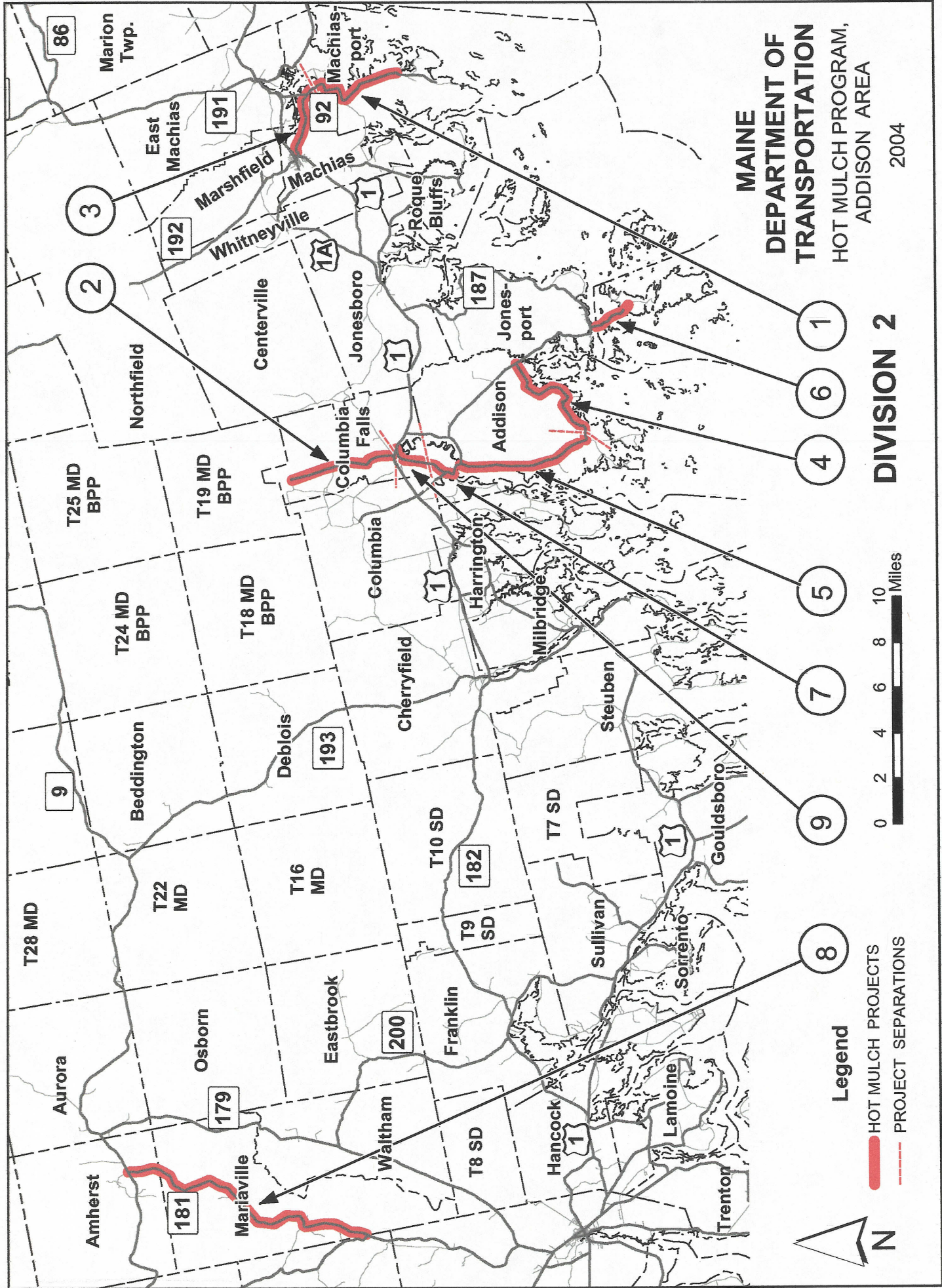
Total Bid Amount

 Authorized Signature Date

Addison AREA

AREA PIN: 11006.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 2 2004	1	Machiasport		Machias Road, Beginning at Route 92 and extending southerly, 5.90 miles to 1.32 miles northerly of the Lobster Pound Road.	5.90	3245	HMM
Div 2 2004	2	Columbia Falls		Tibbetts Town Road, Beginning at Route 1 and extending, northerly 4.85 miles	4.85	2425	HMM
Div 2 2004	3	Machias, Machiasport	92	Beginning at Route 1 and extending easterly, 4.19 miles to the Old Sardine Factory	4.19	2095	HMM
Div 2 2004	4	Addison		Basin Road, Beginning at the East Side Road and extending, easterly 5.9 miles to Route 187	5.90	2950	HMM
Div 2 2004	5	Addison		East Side Road, Beginning at Route 1 and extend, southerly 5.86 miles.	5.86	2930	HMM
Div 2 2004	6	Beals Island		Beals Island Road, Beginning at Beals Island Townline and extending, easterly 1.75 miles to Bridge Street.	1.75	875	HMM
Div 2 2004	7	Addison		Water Street, Beginning at the intersection of Water Street and Wequogus St and extending, 1.75 miles to the Addison and Columbia Townline.	1.75	962	HMM
Div 2 2004	8	Otis, Mariaville, Amherst	181	Beginning at the Junction of Route 180 and extending northerly, 12.46 miles to the intersection of Route 9, Amherst	12.46	8000	HMM
Div 2 2004	9	Addison, Columbia Falls		Point Street, Beginning at the intersection of Route 1 and extending, 2.62 miles to the intersection of Water Street and Point Street	2.62	1310	HMM
					<i>total miles</i> 45.28	<i>total tons</i> 24792	



**MAINE
DEPARTMENT OF
TRANSPORTATION
HOT MULCH PROGRAM,
ADDISON AREA**

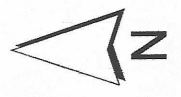
2004

DIVISION 2



Legend

- HOT MULCH PROJECTS
- PROJECT SEPARATIONS



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

ADDISON AREA
PIN - 11006.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

ADDISON AREA - PIN 11006.00

COST COMPUTATION CHART

(To be filled out by Bidder)

(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	=	Unit Total Section Haul Cost
1. Machiasport, Machias Rd.			x	\$.46/mi	=		x	3 245	=	
2. Addison, Tibbetts Town Rd.			x	\$.46/mi	=		x	2 425	=	
3. Machias, 92			x	\$.46/mi	=		x	2 095	=	
4. Addison, Basin Road			x	\$.46/mi	=		x	2 950	=	
5. Addison, East Side Rd.			x	\$.46/mi	=		x	2 930	=	
6. Beals Island, Beals Island Rd.			x	\$.46/mi	=		x	875	=	
7. Addison, Water St.			x	\$.46/mi	=		x	962	=	
8. Otis, 181			x	\$.46/mi	=		x	8 000	=	
9. Addison, Point St.			x	\$.46/mi	=		x	1 310	=	

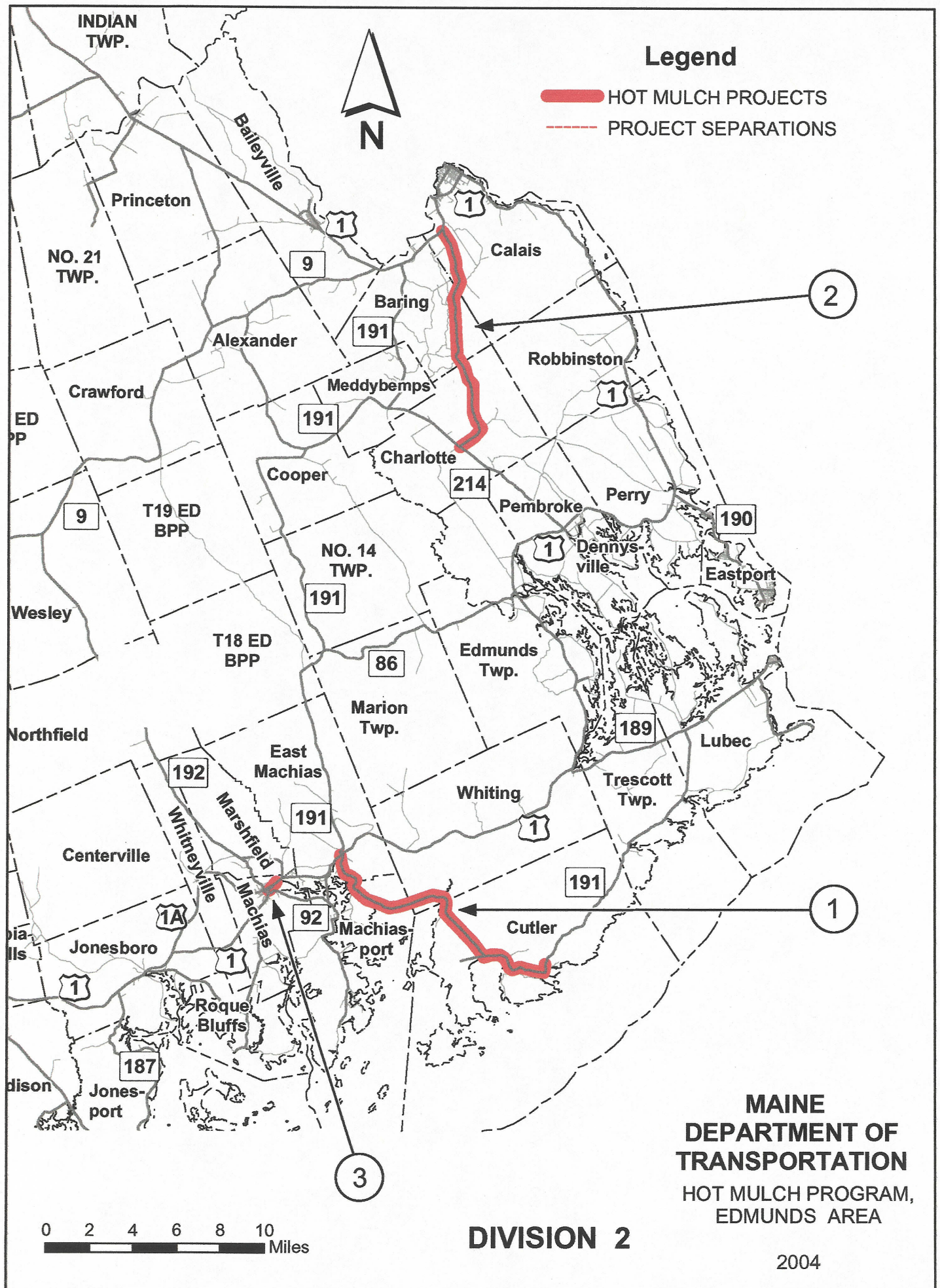
ADDISON AREA - PIN 11006.00
COST COMPUTATION CHART (page 2)

Item 461.13	$\frac{24\,792}{\text{Total Tons}}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	$\frac{\text{Total Area Haul Cost}}{\text{HMM Mix and Place Cost}}$
Item 202.203	$\frac{100}{\text{Total yd}^2}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	$\frac{\text{Butt Joint Cost}}{\text{Butt Joint Cost}}$
					$\frac{\text{Total Bid Amount}}{\text{Total Bid Amount}}$
Authorized Signature					Date

Edmunds AREA

AREA PIN: 11007.00

<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 2 2004	1	Cutler, Whiting, Machiasport, East Machias	191 Beginning at Route 1 and extending southerly, 14 miles to Road 1190 (also placing PMRAP)	14.00	7000	HMM
Div 2 2004	2	Charlotte, Baring, Calais	Charlotte Road, Beginning at the intersection of Route 214 and C307J and extending, northerly 10.9 miles to the intersection of Route 1 and C307J	10.90	5450	9.5 mm
Div 2 2004	3	Machias	1 Main Street, Beginning at the New Bridge and extending, .51 miles to the Bluebird Ranch	0.51	250	9.5 mm
				<i>total miles</i> 25.41	<i>total tons</i> 12700	



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

EDMUNDS AREA
PIN - 11007.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

EDMUNDS AREA - PIN 11007.00
COST COMPUTATION CHART

(To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Route	Pit Location A-B-C	Haul Distance (in Mile)	x	\$.46/mi	=	Unit Haul Cost	x	Est. HMM Ton	9.5 mm Ton	Total Section = Haul Cost
1. Cutler, 191			x	\$.46/mi	=		x	7 000		=
2. Charlotte, Charlotte Rd.			x	\$.46/mi	=		x		5 450	=
3. Machias, 1			x	\$.46/mi	=		x		250	=

Total Area Haul Cost

Item 461.13	$\frac{7\ 000}{\text{Total Tons}}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	HMM Mix and Place Cost
Item 461.210	$\frac{5\ 700}{\text{Total Tons}}$	X	$\frac{\text{Unit Price}}{\text{Unit Price}}$	=	9.5 mm HMA Mix and Place Cost
Item 310.15	$\frac{12\ 000}{\text{Cubic Yards}}$	X	$\frac{\text{Unit Price}}{\text{Unit Price}}$	=	PMRAP Place Cost
Item 202.203	$\frac{100}{\text{Total yd}^2}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	Butt Joint Cost

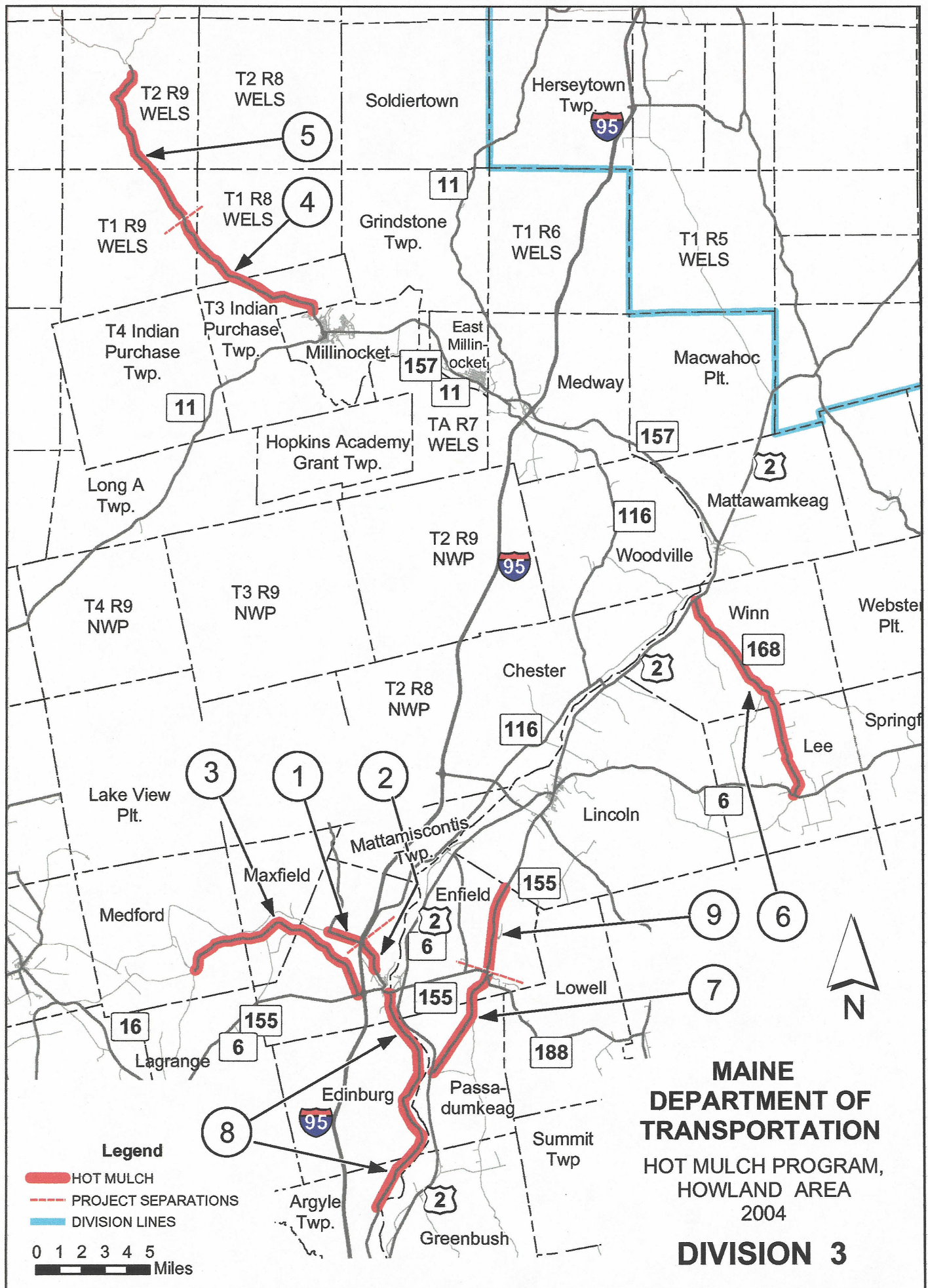
Total Bid Amount

Authorized Signature Date

Howland AREA

AREA PIN: 11010.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 3 2004	1	Howland		No. Howland Rd., From the jct of Rte 116, to the jct of Sebois Rd.	1.64	820	HMM
Div 3 2004	2	Howland	116	From the jct of Rte. 116 & Crocker Road, to the jct of Rte. 116 & North Howland Road	1.30	650	9.5 mm
Div 3 2004	3	Medford, Maxfield, Howland		Medford-Maxfield Rd, From the jct of Paddy Hill Rd, to the jct of Rte 6.	9.72	4860	HMM
Div 3 2004	4	T1-R9, T1-R8, T3-Ind Purch		Millinocket Lake Rd, From Millinocket Lake, to the Millinocket T/L.	7.76	3880	9.5 mm
Div 3 2004	5	T1-R9, T2-R9		Baxter Park Rd, 8.02 miles north, to the entrance to Baxter State Park.	8.02	4411	9.5 mm
Div 3 2004	6	Lee, Winn	168	From the jct of Rte 6, to the jct of Rte 2.	10.18	5090	9.5 mm
Div 3 2004	7	Passadumkeag, Enfield		Caribou Rd, From the jct of Rte 2, to the Boat Landing.	5.35	2675	HMM
Div 3 2004	8	Argyle, Edinburg, Howland	116	From 1.0 mi n/o Hemlock St, to the jct of Rte 6.	11.07	5535	9.5 mm
Div 3 2004	9	Enfield, Lincoln	155	Hammett Rd, Begin at Rte 155 & 188 in Enfield., Extend northerly 3.84 miles to near Enfield-Lincoln T.L. (including shim)	3.84	2880	9.5 mm
					<i>total miles</i> 58.88	<i>total tons</i> 30801	



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

HOWLAND AREA
PIN - 11010.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

HOWLAND AREA - PIN 11010.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	=	Unit Total Section Haul Cost
1. Howland, North Howland Rd.	_____	_____	x	\$.46/mi	=	_____	x	820		=	_____
2. Howland, 116	_____	_____	x	\$.46/mi	=	_____	x		650	=	_____
3. Medford, Medford-Maxfield Rd.	_____	_____	x	\$.46/mi	=	_____	x	4 860		=	_____
4. T1R9, Millinocket Lake Rd.	_____	_____	x	\$.46/mi	=	_____	x		3 880	=	_____
5. T1R9, Baxter Park Rd.	_____	_____	x	\$.46/mi	=	_____	x		4 411	=	_____
6. Lee, 168	_____	_____	x	\$.46/mi	=	_____	x		5 090	=	_____
7. Passadumkeag, Caribou Rd.	_____	_____	x	\$.46/mi	=	_____	x	2 675		=	_____
8. Argyle, 116	_____	_____	x	\$.46/mi	=	_____	x		5 535	=	_____
9. Enfield, 155	_____	_____	x	\$.46/mi	=	_____	x		2 880	=	_____

HOWLAND AREA - PIN 11010.00
COST COMPUTATION CHART (page 2)

	<u>Total Area Haul Cost</u>		
Item 461.13	$\frac{8\,355}{\text{Total Tons}}$	$\frac{X}{\text{Unit price}}$	$=$
			<u>HMM Mix and Place Cost</u>
Item 461.210	$\frac{22\,446}{\text{Total Tons}}$	$\frac{X}{\text{Unit Price}}$	$=$
			<u>9.5 mm HMA Mix and Place Cost</u>
Item 202.203	$\frac{100}{\text{Total yd}^2}$	$\frac{X}{\text{Unit price}}$	$=$
			<u>Butt Joint Cost</u>
	<u><u>Total Bid Amount</u></u>		

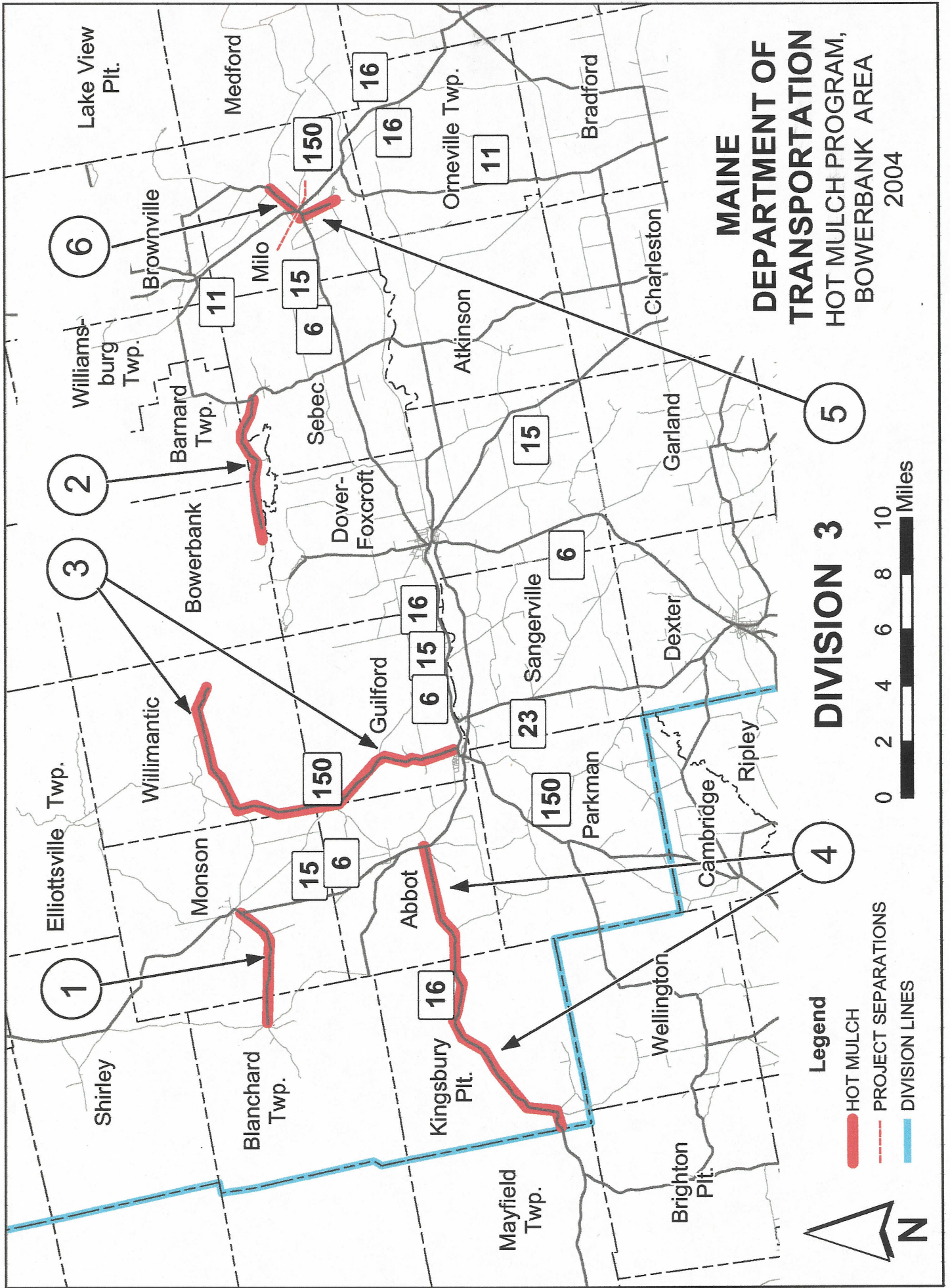
 Authorized Signature Date

Bowerbank AREA

AREA PIN: 11011.00

<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 3 2004	1	Blanchard, Monson	Blanchard Rd, From the Bridge, to the jct of Rte 6.	4.51	2255	HMM
Div 3 2004	2	Bowerbank, Barnard, Sebec	Bowerbank Rd, From the jct of 761, to the jct of Williamsburg Rd.	5.10	2550	HMM
Div 3 2004	3	Guilford, Abbot, Willimantic	150 From the jct of Rte 6, to the end of Rd at Packard Landing.	13.60	6800	9.5 mm
Div 3 2004	4	Kingsbury, Abbot	16 From the Mayfield T/L, to the jct of Rte 6.	12.62	6310	9.5 mm
Div 3 2004	5	Milo	Riverside St, From the jct of River Rd northerly, to the jct of Rte 6.	2.16	1080	9.5 mm
Div 3 2004	6	Milo	Pleasant St, From the jct of Rte 11, to the jct of Lakeview Rd.	2.80	1400	HMM
				<i>total miles</i> 40.79	<i>total tons</i> 20395	

MAINE DEPARTMENT OF TRANSPORTATION HOT MULCH PROGRAM, BOWERBANK AREA 2004



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

BOWERBANK AREA
PIN - 11011.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

BOWERBANK AREA - PIN 11011.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	=	Est. 9.5 mm Ton	=	Unit Total Section Haul Cost
1. Blanchard, Blanchard Rd.			x	\$.46/mi	=		x	2 255	=		=	
2. Bowerbank, Bowerbank Rd.			x	\$.46/mi	=		x	2 550	=		=	
3. Guilford, 150			x	\$.46/mi	=		x	6 800	=		=	
4. Kingsbury, 16			x	\$.46/mi	=		x	6 310	=		=	
5. Milo, Riverside St.			x	\$.46/mi	=		x	1 080	=		=	
6. Milo, Pleasant St.			x	\$.46/mi	=		x	1 400	=		=	

BOWERBANK AREA - PIN 11011.00
COST COMPUTATION CHART (page 2)

	Total Area Haul Cost		
Item 461.13	$\frac{6\,205}{\text{Total Tons}}$	$\times \frac{\text{Unit price}}{\text{Unit Price}}$	=
			HMM Mix and Place Cost
Item 461.210	$\frac{14\,190}{\text{Total Tons}}$	$\times \frac{\text{Unit Price}}{\text{Unit Price}}$	=
			9.5 mm HMA Mix and Place Cost
Item 202.203	$\frac{100}{\text{Total yd}^2}$	$\times \frac{\text{Unit price}}{\text{Unit price}}$	=
			Butt Joint Cost

Total Bid Amount

Authorized Signature Date

Pittsfield AREA

AREA PIN: 11013.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 4 2004	1	Clinton, Burnham, Pittsfield	11	From the Clinton/Burnham town line, to the RRXing in Pittsfield.	8.90	4450	HMM
Div 4 2004	2	Pittsfield, Detroit	11	From the jct of Dogtown Rd, to the Palmyra T/L.	3.53	1765	HMM
Div 4 2004	3	Pittsfield, Palmyra		Madawaska Rd, From the jct of Rte 11, to the jct of Rte 2.	3.90	2355	HMM
Div 4 2004	4	Canaan, Hartland	23	From the jct of Rte 2, to the jct of Rte 43. (including, placing PMRAP)	10.43	5215	HMM
Div 4 2004	5	Athens, Cornville, Hartland, St Albans	43	From the jct of Rte 150, to the Corinna T/L.	19.77	9950	HMM
Div 4 2004	6	Pittsfield, Detroit	69	From the jct of Rte 11, to the Plymouth T/L.	5.60	3445	9.5 mm
Div 4 2004	7	Palmyra, Hartland	151	From the jct of Rte 2, to the jct of Rte 43.	5.75	2900	HMM
Div 4 2004	8	Detroit, Palmyra	220	From the Troy T/L, to the jct of Rte 11/100.	7.15	3600	HMM
Div 4 2004	9	St Albans		Nokomis Rd, From the Corinna T/L, to the jct of Rte 43.	2.16	1100	HMM
Div 4 2004	10	Burnham		Troy Rd, From the jct of Rte 11, to the Troy T/L.	6.13	3065	HMM
Div 4 2004	11	Burnham		Horseback Rd, From the Unity T/L, to the jct of Troy Rd.	4.00	2005	HMM
Div 4 2004	12	Pittsfield		Phillips Corner Rd, From the jct Weeks Rd., to the jct of Rte 2.	2.55	1275	HMM
Div 4 2004	13	Pittsfield		Peltoma Ave, From the jct of Rte 11, to the jct of Harrison Dr.	0.37	200	HMM
Div 4 2004	14	Palmyra, St Albans		St Albans Rd, From the jct of Rte 151, to the jct of Rte 43.	4.60	2340	HMM
Div 4 2004	15	Pittsfield		Weeks Road, I-95, to int. of Phillips Corner Road.	0.60	300	HMM
Div 4 2004	16	Hartland	152	Int. of 152 and 43, to a point 1.2 miles south of the int.	1.20	600	HMM
Div 4 2004	17	Pittsfield	11	RR crossing in Pittsfield, to Dogtown Road	1.20	600	HMM
Div 4 2004	18	Skowhegan	150	Beginning 1.19 miles south of the Cornville/Skowhegan town line, and extending 1.19 mlie northerly	1.20	600	9.5 mm
Div 4 2004	19	Readfield, Fayette	17	Northern Int. of Rte 41, Fayette/Livemore Falls T/L	9.00	8132	9.5 mm

<i>total miles</i>	<i>total tons</i>
98.04	53897

HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

PITTSFIELD AREA
PIN - 11013.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

PITTSFIELD AREA - PIN 11013.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	Est. HMM Ton	x	Est. 9.5 mm Ton	=	Unit	Total Section Haul Cost
1. Clinton, 11	_____	_____	x	\$.46/mi	=	_____	4 450	x	_____	=	_____	_____
2. Pittsfield, 11	_____	_____	x	\$.46/mi	=	_____	1 765	x	_____	=	_____	_____
3. Pittsfield, Madawaska Rd.	_____	_____	x	\$.46/mi	=	_____	2 355	x	_____	=	_____	_____
4. Canaan, 23	_____	_____	x	\$.46/mi	=	_____	5 215	x	_____	=	_____	_____
5. Athens, 43	_____	_____	x	\$.46/mi	=	_____	9 950	x	_____	=	_____	_____
6. Pittsfield, 69	_____	_____	x	\$.46/mi	=	_____	3 445	x	_____	=	_____	_____
7. Palmyra, 151	_____	_____	x	\$.46/mi	=	_____	2 900	x	_____	=	_____	_____
8. Detroit, 220	_____	_____	x	\$.46/mi	=	_____	3 600	x	_____	=	_____	_____
9. St. Albans, Nokomis Rd.	_____	_____	x	\$.46/mi	=	_____	1 100	x	_____	=	_____	_____
10. Burnham, Troy Rd.	_____	_____	x	\$.46/mi	=	_____	3 065	x	_____	=	_____	_____

PITTSFIELD AREA - PIN 11013.00
COST COMPUTATION CHART (page 2)

Note: Show pit locations in red on map.

<u>Map ID/Town/Rte.</u>	<u>Pit Location A-B-C</u>	<u>Haul Distance (in Miles)</u>	<u>x</u>	<u>\$.46/mi</u>	<u>=</u>	<u>Haul Cost</u>	<u>x</u>	<u>Est. HMM Ton</u>	<u>Est. 9.5 mm Ton</u>	<u>=</u>	<u>Unit</u>
11. Burnham, Horseback Rd.	_____	_____	x	\$.46/mi	=	_____	x	2 005	_____	=	_____
12. Pittsfield, Phillips Corner Rd.	_____	_____	x	\$.46/mi	=	_____	x	1 275	_____	=	_____
13. Pittsfield, Peltoma Ave.	_____	_____	x	\$.46/mi	=	_____	x	200	_____	=	_____
14. Palmyra, St. Albans Rd.	_____	_____	x	\$.46/mi	=	_____	x	2 340	_____	=	_____
15. Pittsfield, Weeks Rd.	_____	_____	x	\$.46/mi	=	_____	x	300	_____	=	_____
16. Hartland, 152	_____	_____	x	\$.46/mi	=	_____	x	600	_____	=	_____
17. Pittsfield, 11	_____	_____	x	\$.46/mi	=	_____	x	600	_____	=	_____
18. Skowhegan, 150	_____	_____	x	\$.46/mi	=	_____	x	600	_____	=	_____
19. Readfield, 17	_____	_____	x	\$.46/mi	=	_____	x	8 132	_____	=	_____

PITTSFIELD AREA- PIN 11013.00
COST COMPUTATION CHART (page 3)

Total Area Haul Cost

Item 461.13	$\frac{41\ 720}{\text{Total Tons}} \times \frac{\text{Unit price}}{\text{Unit price}} =$	HMM Mix and Place Cost
Item 461.21	$\frac{12\ 177}{\text{Total Tons}} \times \frac{\text{Unit Price}}{\text{Unit Price}} =$	9.5 mm HMA Mix and Place Cost
Item 310.18	$\frac{133\ 000}{\text{Square Yards}} \times \frac{\text{Unit Price}}{\text{Unit Price}} =$	PMRAP Place Cost
Item 202.203	$\frac{100}{\text{Total yd}^2} \times \frac{\text{Unit price}}{\text{Unit price}} =$	Butt Joint Cost

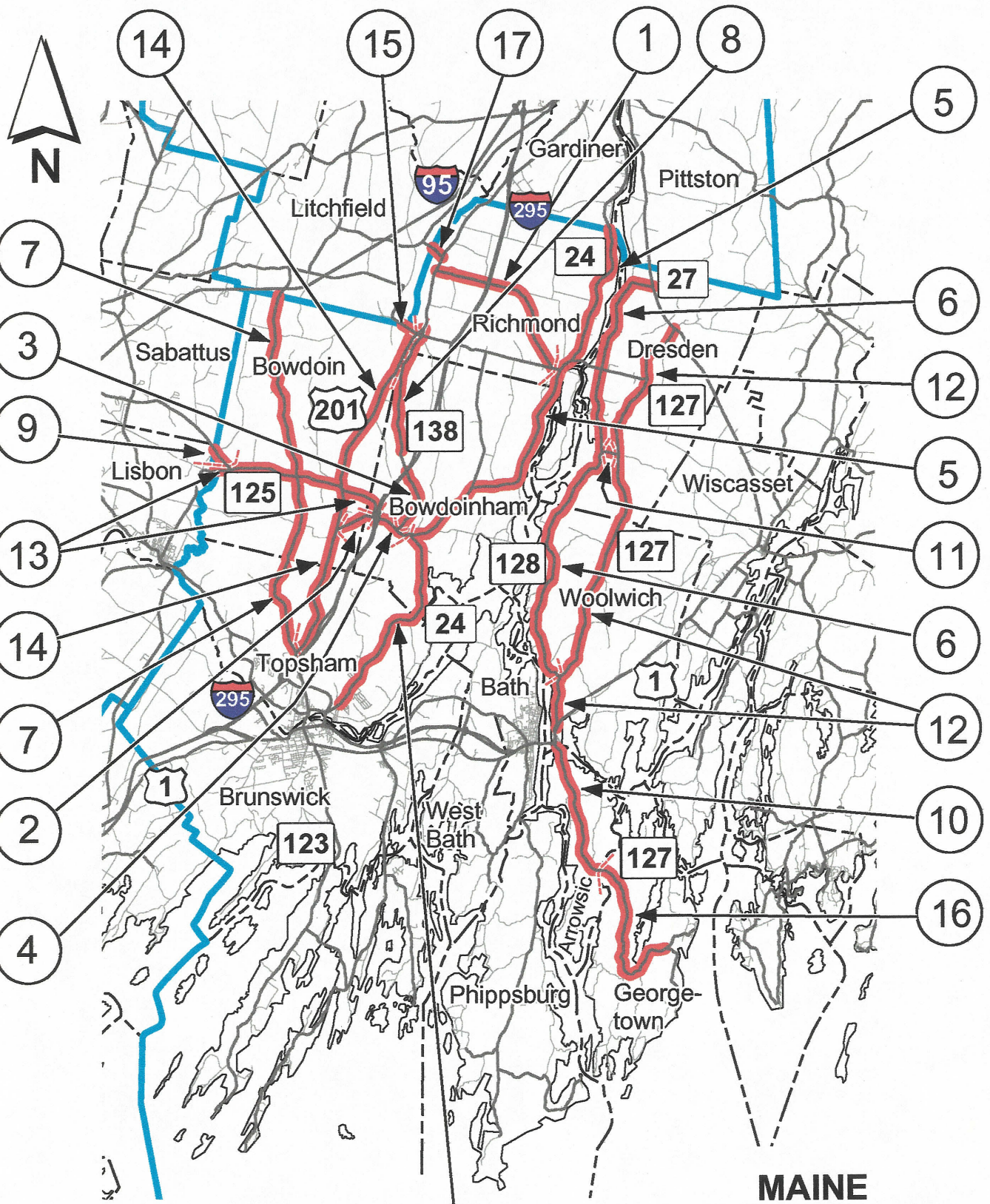
Total Bid Amount

Authorized Signature Date

Richmond AREA

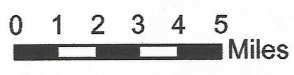
AREA PIN: 11015.00

<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 5 2004	1	Richmond	Chestnut/Alexander/Reed Rds, From the jct of Rte 201 easterly, to the jct of Rte 197.	5.66	2830	HMM
Div 5 2004	2	Bowdoin	138 From the jct of Rte 201 northerly, for 1.18 mi.	1.20	600	HMM
Div 5 2004	3	Bowdoinham	138 From the jct of Rte 125 northerly, to the jct of Rte I-95.	2.30	1150	HMM
Div 5 2004	4	Bowdoinham	125 From the jct of Rte 138 easterly, to the jct of Rte 24.	0.65	325	HMM
Div 5 2004	5	Topsham, Richmond	24 From the jct of Middle Rd northerly, to the Gardiner T/L.	19.27	9635	HMM
Div 5 2004	6	Dresden, Woolwich	128 From the jct of Rte 27 southerly, to the jct of Rte 127.	15.36	7700	HMM
Div 5 2004	7	Topsham, Bowdoin	Meadow St /Town House Rd, From the jct of Rte 201 northerly, to the Litchfield T/L.	12.32	6200	HMM
Div 5 2004	8	Bowdoinham, Richmond	138 From 0.12 miles n/o Randall Bridge northerly, to the jct of Rte 201.	2.80	1400	HMM
Div 5 2004	9	Bowdoin	Store House Rd, From the jct of Rte 125 northerly, to the Lisbon T/L.	0.82	410	HMM
Div 5 2004	10	Georgetown	127 Starting at the Arrowsic/Georgetown townline extending southerly, to the jct Five Island Rd, Rte.127	5.75	2875	HMM
Div 5 2004	11	Dresden	Indian Trail, From the jct of Rte 128 easterly, to the jct of Rte 127.	0.54	270	HMM
Div 5 2004	12	Dresden, Woolwich	127 Starting at the jct rte. 27 and 127 in Dresden, extending Southerly to the intersection US rte. 1 and 127 in Woolwich	14.70	7350	HMM
Div 5 2004	13	Bowdoin, Bowdoinham	125 Starting at the Lisbon/Bowdoin townline on rte.125 in Bowdoin, extending easterly to the jct. 138 and 125 in Bowdoin	5.95	3000	HMM
Div 5 2004	14	Topsham, Bowdoin, Bowdoinham, Richmond	201 Starting at the Cathance River side on Rte. 201 extending northerly, to the northerly jct of Rte.138 and 201 in Richmond	11.61	7400	HMM
Div 5 2004	15	Bowdoin, Richmond	197 Starting at the Litchfield/Bowdoin townline proceeding easterly, to the junction of route 197, and route 201, Richmond	0.59	325	HMM
Div 5 2004	16	Arrowsic	127 Starting at the Arrowsic/woolwich town line extending southerly, to the Arrowsic / Goergetown townline	4.60	2300	HMM
Div 5 2004	17	Richmond	Throughfare Rd, From the jct of Rte 201 westerly, to the Bridge.	0.40	200	HMM
				<i>total miles</i> 104.52	<i>total tons</i> 53970	



Legend

- HOT MULCH
- PROJECT SEPARATIONS
- DIVISION LINES



DIVISION 5

**MAINE
DEPARTMENT OF
TRANSPORTATION**
HOT MULCH PROGRAM,
RICHMOND AREA
2004

HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

RICHMOND AREA
PIN - 11015.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

RICHMOND AREA - PIN 11015.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	=	Unit Total Section Haul Cost
1. Richmond, Chestnut/Alexander/ Reed Rds.			x	\$.46/mi	=		x	2 830	=	
2. Bowdoin, 138			x	\$.46/mi	=		x	600	=	
3. Bowdoinham, 138			x	\$.46/mi	=		x	1 150	=	
4. Bowdoinham, 125			x	\$.46/mi	=		x	325	=	
5. Topsham, 24			x	\$.46/mi	=		x	9 635	=	
6. Dresden, 128			x	\$.46/mi	=		x	7 700	=	
7. Topsham, Meadow St./ Town House Rd.			x	\$.46/mi	=		x	6 200	=	
8. Bowdoinham, 138			x	\$.46/mi	=		x	1 400	=	
9. Bowdoin, Store House Rd.			x	\$.46/mi	=		x	410	=	
10. Georgetown, 127			x	\$.46/mi	=		x	2 875	=	

RICHMOND AREA - PIN 11015.00
COST COMPUTATION CHART (page 2)

Note: Show pit locations in red on map.

<u>Map ID/Town/Rte.</u>	<u>Pit Location</u> A-B-C	<u>Haul Distance</u> (in Miles)	<u>\$.46/mi</u>	<u>Haul Cost</u>	<u>Est. HMM</u> Ton	<u>Unit</u> Total Section Haul Cost
11. Dresden, Indian Trail	_____	_____	x \$.46/mi	= _____ x _____	270	= _____
12. Dresden, 127	_____	_____	x \$.46/mi	= _____ x _____	7 350	= _____
13. Bowdoin, 125	_____	_____	x \$.46/mi	= _____ x _____	3 000	= _____
14. Topsham, 201	_____	_____	x \$.46/mi	= _____ x _____	7 400	= _____
15. Bowdoin, 197	_____	_____	x \$.46/mi	= _____ x _____	325	= _____
16. Arrowsic, 127	_____	_____	x \$.46/mi	= _____ x _____	2 300	= _____
17. Richmond, Throughfare Rd.	_____	_____	x \$.46/mi	= _____ x _____	200	= _____

RICHMOND AREA- PIN 11015.00
COST COMPUTATION CHART (page 3)

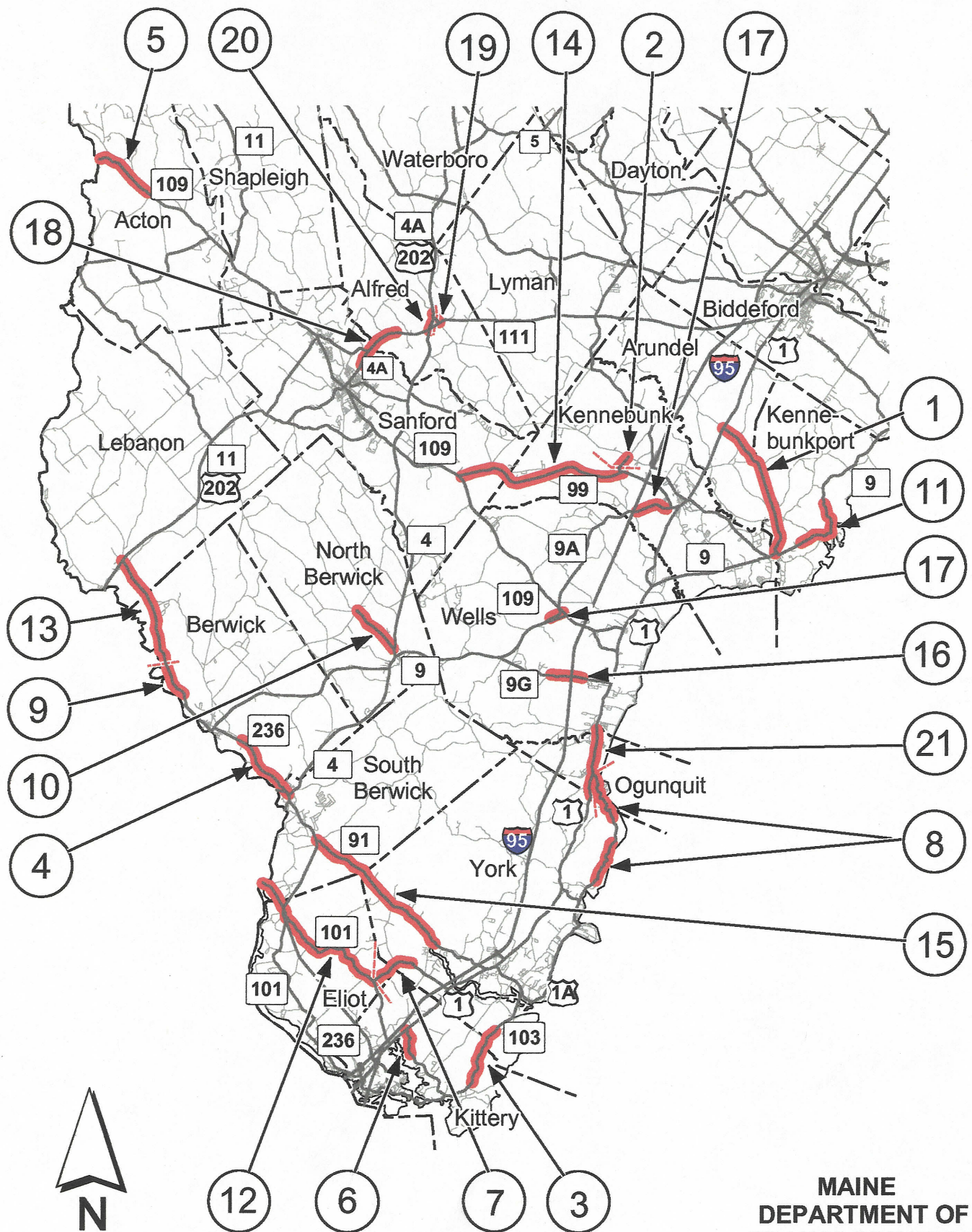
					<u>Total Area Haul Cost</u>
Item 461.13	$\frac{53.970}{\text{Total Tons}}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	<u>HMM Mix and Place Cost</u>
Item 202.203	$\frac{100}{\text{Total yd}^2}$	X	$\frac{\text{Unit price}}{\text{Unit price}}$	=	<u>Butt Joint Cost</u>
<u><u>Total Bid Amount</u></u>					
<u>Authorized Signature</u>					<u>Date</u>

Berwick AREA

AREA PIN: 11018.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 6 2004	1	Kennebunkport, Arundel		North St/Log Cabin Rd, From the jct of School St westerly, to the jct of Rte 1, inc some shldrs.	5.10	3825	9.5 mm
Div 6 2004	2	Kennebunk		Mill St, From the jct of Rte 99 northerly, to the C.U.L. near brook.	0.50	500	9.5 mm
Div 6 2004	3	York, Kittery	103	From the south end of Brave Boat Harbor Rd southerly, to the Kittery C.U.L.	1.30	975	9.5 mm
Div 6 2004	4	South Berwick, Berwick	236	From the jct of So Main St westerly, to the joint on built section.	2.60	2080	9.5 mm
Div 6 2004	5	Acton	109	From the jct of Sam Page Rd westerly,, to the N.H. S/L.	2.20	1650	9.5 mm
Div 6 2004	6	Kittery		Haley Rd, From Jct. of Rte.1, southerly,, for 0.90 mile	0.90	650	9.5 mm
Div 6 2004	7	Eliot, York		Beech Ridge Rd, From the jct of Rte 101 northerly, to the C.U.L. 1.62 mi ahead.	1.70	1275	9.5 mm
Div 6 2004	8	York, Ogunquit		Shore Rd, From the C.U.L. near Agamenticus Ave northerly, to the jct of Rte 1, skipping recently built portions.	2.70	2025	9.5 mm
Div 6 2004	9	Berwick		Rochester St, From the C.U.L. at jct Bridge St northerly, to the N.H. S/L, inc some shldrs.	0.90	700	9.5 mm
Div 6 2004	10	North Berwick		Lebanon Rd, From the jct of Rte 4 westerly, to the 5 corners intersection.	2.00	1500	9.5 mm
Div 6 2004	11	Kennebunkport	9	From the jct of Primrose Lane northerly, to a point 0.1 mi s/o Stone Crusher Rd, skip built areas.	2.30	1725	9.5 mm
Div 6 2004	12	Eliot, South Berwick	101	From the C.U.L. at Beech Ridge Rd westerly, to the N.H. S/L.	5.90	2950	HMM
Div 6 2004	13	Berwick, Lebanon		Hubbard Rd, From the jct of Rochester Rd westerly, to the jct of Rte 11.	5.90	3835	9.5 mm
Div 6 2004	14	Kennebunk, Sanford	99	From the C.U.L. near Mill St westerly, to the jct of Rte 109, skipping the Compact.	5.80	3480	9.5 mm
Div 6 2004	15	York	91	From the C.U.L. at Scotland Bridge Rd westerly, to the jct of Rte 236 (incs recently built portion).	5.70	4275	9.5 mm
Div 6 2004	16	Wells	9B	From the C.U.L. 0.08 mi w/o Pineledge Dr, westerly, for 1.1 mi to the new CUL.	1.10	825	9.5 mm
Div 6 2004	17	Wells, Kennebunk	9A	From the jct of Rte 9 northerly, to the CUL near Pine St, skipping built portion.	1.10	825	9.5 mm
Div 6 2004	18	Sanford, Alfred	4A	From the C.U.L. n/o June St easterly, to the joint on built portion.	1.70	1275	9.5 mm
Div 6 2004	19	Alfred		Old Falls Rd, From the jct of Rte 111 northerly, to the jct of Rte 4, inc shldrs.	0.30	300	9.5 mm

Div 6 2004	20	Alfred	4	From the jct of Rte 111 northerly, for 0.55 mi, inc some shldrs.	0.60	500	9.5 mm
Div 6 2004	21	Ogunquit	1	From the York TL northerly, to the Wells TL.	2.30	3500	9.5 mm
					<i>total miles</i>	<i>total tons</i>	
					52.60	38670	



Legend

- HOT MULCH
- - - PROJECT SEPARATIONS

DIVISION 6

0 2 4 6 8 10 Miles

**MAINE
DEPARTMENT OF
TRANSPORTATION**
HOT MULCH PROGRAM,
BERWICK AREA
2004

HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

BERWICK AREA
PIN - 11018.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

BERWICK AREA - PIN 11018.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	=	Unit	Total Section Haul Cost
1. Kennebunkport, North St./ Log Cabin Rd.	_____	_____	x	\$.46/mi	=	_____	x		3 825	=	_____	_____
2. Kennebunk, Mill St.	_____	_____	x	\$.46/mi	=	_____	x		500	=	_____	_____
3. York, 103	_____	_____	x	\$.46/mi	=	_____	x		975	=	_____	_____
4. South Berwick, 236	_____	_____	x	\$.46/mi	=	_____	x		2 080	=	_____	_____
5. Acton, 109	_____	_____	x	\$.46/mi	=	_____	x		1 650	=	_____	_____
6. Kittery, Haley Rd.	_____	_____	x	\$.46/mi	=	_____	x		650	=	_____	_____
7. Eliot, Beech Ridge Rd.	_____	_____	x	\$.46/mi	=	_____	x		1 275	=	_____	_____
8. York, Shore Rd.	_____	_____	x	\$.46/mi	=	_____	x		2 025	=	_____	_____
9. Berwick, Rochester St.	_____	_____	x	\$.46/mi	=	_____	x		700	=	_____	_____

BERWICK AREA - PIN 11018.00
COST COMPUTATION CHART (page 2)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	=	Unit	Total Section Haul Cost
10. North Berwick, Lebanon Rd.			x	\$.46/mi	=		x		1 500	=		
11. Kennebunkport, 9			x	\$.46/mi	=		x		1 725	=		
12. Eliot, 101			x	\$.46/mi	=		x	2 950		=		
13. Berwick, Hubbard Rd.			x	\$.46/mi	=		x		3 835	=		
14. Kennebunk, 99			x	\$.46/mi	=		x		3 480	=		
15. York, 91			x	\$.46/mi	=		x		4 275	=		
16. Wells, 9B			x	\$.46/mi	=		x		825	=		
17. Wells, 9A			x	\$.46/mi	=		x		825	=		
18. Sanford, 4A			x	\$.46/mi	=		x		1 275	=		

BERWICK AREA- PIN 11018.00
COST COMPUTATION CHART (page 3)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	=	Unit Section Total Haul Cost
19. Alfred, Old Falls Rd.			x	\$.46/mi	=		x		300	=	
20. Alfred, 4			x	\$.46/mi	=		x		500	=	
21. Ogunquit, 1			x	\$.46/mi	=		x		3 500	=	

Item 461.13	2 950	X	=	Unit price	HMM Mix and Place Cost
	Total Tons				
Item 461.21	35 720	X	=	Unit Price	9.5 mm HMA Mix and Place Cost
	Total Tons				
Item 202.203	100	X	=	Unit price	Butt Joint Cost
	Total yd ²				

Total Area Haul Cost

Total Bid Amount

Authorized Signature

Date

Cumberland AREA

AREA PIN: 11019.00

<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 6 2004	1	Cumberland	Winn Rd, From the Falmouth T/L northerly, to the jct of Rte 9.	0.90	675	9.5 mm
Div 6 2004	2	North Yarmouth	115 From the Gray T/L southerly, to the Yarmouth T/L.	5.60	4200	9.5 mm
Div 6 2004	3	Falmouth, Cumberland	9 From a point 0.4 mi n/o Middle Rd northerly, to a point 0.5 mi s/o Tuttle Rd,	3.80	2850	9.5 mm
Div 6 2004	4	Falmouth	Babbidge Rd, From the Windham T/L easterly, to the jct of Blackstrap Rd.	0.90	675	9.5 mm
				<i>total miles</i> 11.20	<i>total tons</i> 8400	

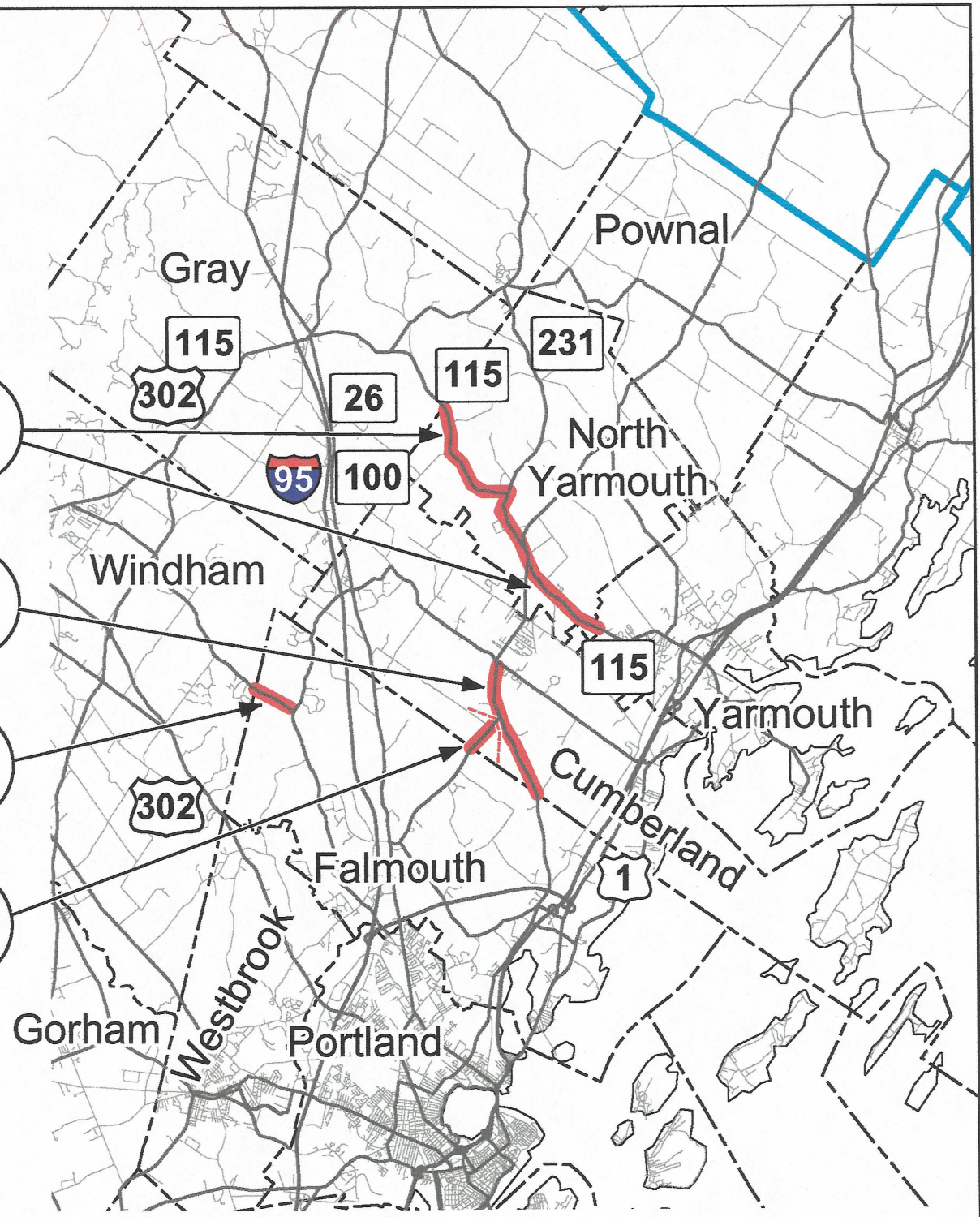


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3

4

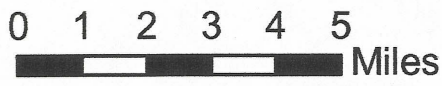
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Legend

-  HOT MULCH
-  PROJECT SEPARATIONS
-  DIVISION LINES

DIVISION 6



**MAINE
DEPARTMENT OF
TRANSPORTATION**

**HOT MULCH PROGRAM,
CUMBERLAND AREA
2004**

HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

CUMBERLAND AREA
PIN - 11019.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.
3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

CUMBERLAND AREA - PIN 11019.00
COST COMPUTATION CHART

(To be filled out by Bidder)

(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Route	Pit Location A-B-C	Haul Distance (in Mile)	x	\$.46/mi	=	Unit Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	Total Section = Haul Cost
1. Cumberland, Winn Rd.			x	\$.46/mi	=		x		675	=
2. North Yarmouth, 115			x	\$.46/mi	=		x		4 200	=
3. Falmouth, 9			x	\$.46/mi	=		x		2 850	=
4. Falmouth, Babbidge Rd.			x	\$.46/mi	=		x		675	=

Total Area Haul Cost

Item 461.13	0	X	Unit price	=	HMM Mix and Place Cost
	Total Tons				
Item 461.210	8 400	X	Unit Price	=	9.5 mm HMA Mix and Place Cost
	Total Tons				
Item 202.203	180	X	Unit price	=	Butt Joint Cost
	Total yd ²				

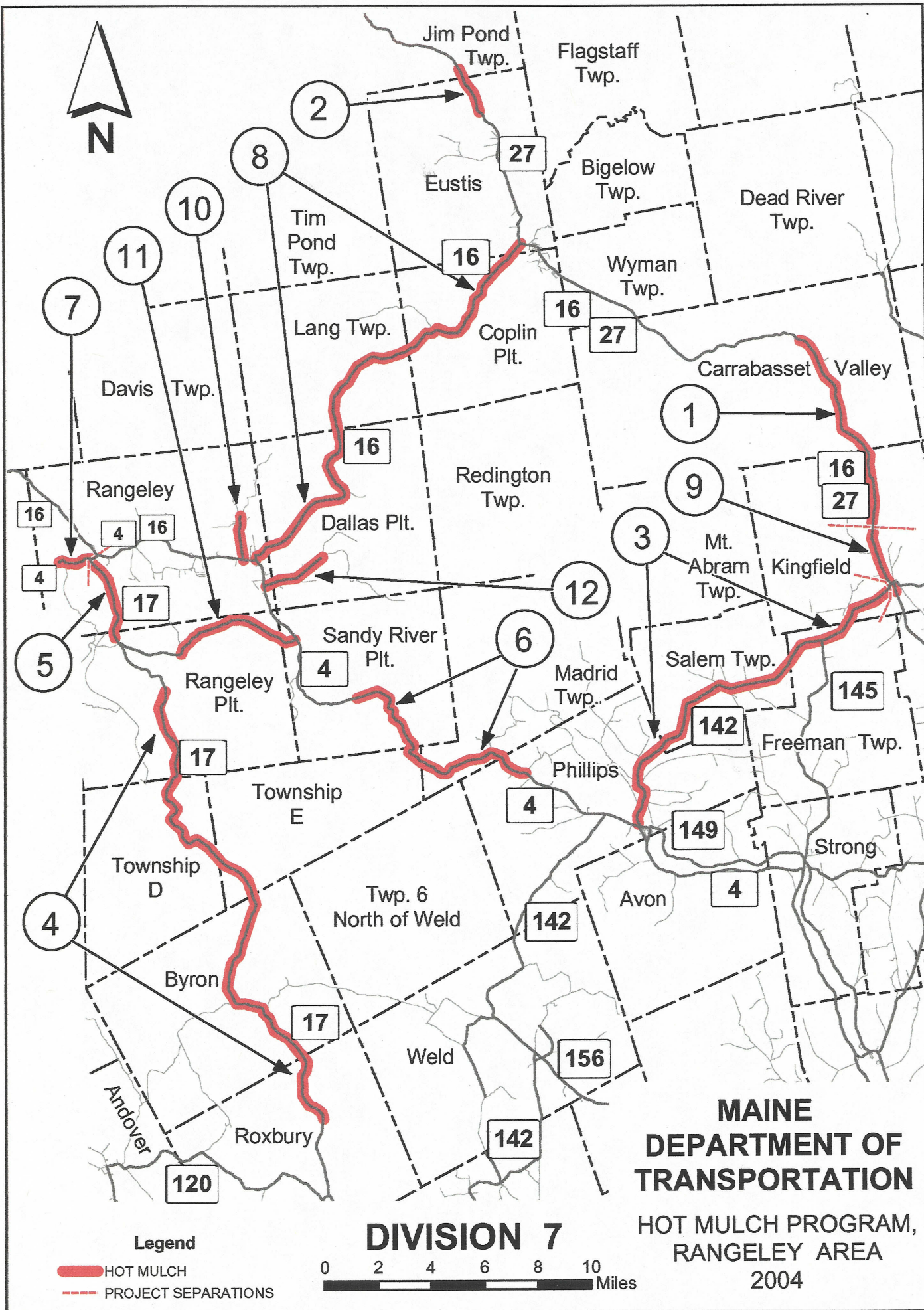
Total Bid Amount

Authorized Signature _____ Date _____

Rangeley AREA

AREA PIN: 11021.00

	<i>Map ID</i>	<i>TOWNS</i>	<i>ROUTE</i>	<i>Project Description</i>	<i>MILES</i>	<i>TONS</i>	<i>Mix Type</i>
Div 7 2004	1	Kingfield, Carrabassett Valley	27	3.47 miles south of Carrabassett Valley T.L. northerly 7.95 miles	7.95	7950	9.5 mm
Div 7 2004	2	Eustis, Jim Pond Twp.	27	Main St. north 1.83 miles, to 0.42 miles north of Jim Pond TWP T.L.	1.83	1830	9.5 mm
Div 7 2004	3	Phillips, Salem, Freeman, Kingfield	142	From the jct of Rte 4 easterly, to the jct of Rte 27.	15.64	7820	HMM
Div 7 2004	4	Roxbury, Rangeley	17	From 2.38 miles north of Mexico T.L. northerly, to 3.48 miles north of TWP 'D' T.L.	22.22	11110	HMM
Div 7 2004	5	Rangeley Plt., Rangeley	17	From .5 M South of Rangeley T.L., 3.58 M North to Rte.4	3.58	1790	HMM
Div 7 2004	6	Phillips, Sandy River Plt.	4	From 1.21 mi. South of Madrid T.L., To 2.83mi North of Township E T.L.	8.40	4200	HMM
Div 7 2004	7	Rangeley	4	From Rte. 17 West, Haines Landing	1.16	580	HMM
Div 7 2004	8	Rangeley, Eustis	16	From Route 4 Rangeley, To Rte. 27 Eustis	19.02	9510	HMM
Div 7 2004	9	Kingfield	27	0.94 mi. North of New Portland T.L., 3.47 mi. South of Carrabassett Valley T.L.	2.46	1230	HMM
Div 7 2004	10	Rangeley		Kennabago Rd, Rte. 4 Rangeley Intersection, to 1.64 miles north	1.64	820	HMM
Div 7 2004	11	Sandy River Plt., Rangeley Plt.		South Shore Drive, From Rte. 4, Dump Road	5.57	2785	HMM
Div 7 2004	12	Rangeley, Dallas Plt.		Dallas Hill Road, Rte. 4, End Dallas Plt.	2.48	1240	HMM
					<i>total miles</i> 91.95	<i>total tons</i> 50865	



HAUL ROUTE DESCRIPTION

The Hot Maintenance Mulch will be produced from a plant located at (Define exact location if not commercial plant):

Note: "Public Highway" as used here means either a state maintained way or a town maintained way.

Exact Plant Location A: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location B: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile
for sections _____, _____, _____, _____, _____, _____, _____.

RANGELEY AREA
PIN - 11021.00

Exact Plant Location C: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

Exact Plant Location D: _____

Plant to public highway _____ mile (Point "a")

1. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

2. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

3. Point "a" to state maintained highway _____ mile

for sections _____, _____, _____, _____, _____, _____, _____.

RANGELEY AREA - PIN 11021.00
COST COMPUTATION CHART
 (To be filled out by Bidder)
(MAINTENANCE RESURFACING)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	x	\$.46/mi	=	Haul Cost	x	Est. HMM Ton	Est. 9.5 mm Ton	=	Unit	Total Section Haul Cost
1. Kingfield, 27	_____	_____	x	\$.46/mi	=	_____	x		7 950	=	_____	_____
2. Eustis, 27	_____	_____	x	\$.46/mi	=	_____	x		1 830	=	_____	_____
3. Phillips, 142	_____	_____	x	\$.46/mi	=	_____	x	7 820		=	_____	_____
4. Roxbury, 17	_____	_____	x	\$.46/mi	=	_____	x	11 110		=	_____	_____
5. Rangeley, 17	_____	_____	x	\$.46/mi	=	_____	x	1 790		=	_____	_____
6. Phillips, 4	_____	_____	x	\$.46/mi	=	_____	x	4 200		=	_____	_____
7. Rangeley, 4	_____	_____	x	\$.46/mi	=	_____	x	580		=	_____	_____
8. Rangeley, 16	_____	_____	x	\$.46/mi	=	_____	x	9 510		=	_____	_____
9. Kingfield, 27	_____	_____	x	\$.46/mi	=	_____	x	1 230		=	_____	_____

RANGELEY AREA - PIN 11021.00
COST COMPUTATION CHART (page 2)

Note: Show pit locations in red on map.

Map ID/Town/Rte.	Pit Location A-B-C	Haul Distance (in Miles)	\times	$\$.46/\text{mi}$	$=$	Haul Cost	\times	Est. HMM Ton	$=$	Est. 9.5 mm Ton	Unit Total Section Haul Cost
10. Rangeley, Kennabago Rd.			\times	$\$.46/\text{mi}$	$=$		\times	820	$=$		
11. Sandy River Pkt., South Shore Dr.			\times	$\$.46/\text{mi}$	$=$		\times	2 875	$=$		
12. Rangeley, Dallas Hill Rd.			\times	$\$.46/\text{mi}$	$=$		\times	1 240	$=$		

				<u>Total Area Haul Cost</u>	
Item 461.13	$\frac{41\ 085}{\text{Total Tons}}$	\times	$\frac{\text{Unit price}}{\text{HMM Mix and Place Cost}}$	$=$	
Item 461.210	$\frac{9\ 780}{\text{Total Tons}}$	\times	$\frac{\text{Unit Price}}{9.5\ \text{mm HMA Mix and Place Cost}}$	$=$	
Item 202.203	$\frac{100}{\text{Total yd}^2}$	\times	$\frac{\text{Unit price}}{\text{Butt Joint Cost}}$	$=$	

Total Bid Amount

 Authorized Signature Date